C12205

Index to Volume LIV.---September 2, 1916, to August 25, 1917, Inclusive.

A

Absorbing military information, 752.
Academies, Mil., for 48 States, 981.
Academies, prep. school for, 17, 464, 590.
Advertising the Services, 1149, 1360, 1658.

AERONAUTICAL:
Aerial detector, 817; Aero Club, charges denied, 166, 190, 227; officers elected, 357; defence recommendations, 1360. Aeroplane stabilizer, 197; aeroplane, Sturtevant, for Navy, tested, 100; Aircraft Board, 1658; aircraft value to fleet, 292; airplanes for Army, bids, 397; American flying field in France, 1362; Army, advance, 981; Army air service conditions discussed, 732; Army aviators lost in Mexico, 660, 698, 721; Army needs, 697; Army and Navy program, 1441; appropriations, see Congress; aviation ground schools, 1652; Aviation Reserve Corps, 50, 112, 178; Aviation Section, personnel, organization and work, 241, 242, 336, 748, 1153; aviation stations and schools, 461, 541, 564, 654, 701, 748; aviation training camps, 486, 1269, 1360, 1408; aviation volunteers, investigation, 434.
Balloons in Civil War, 1007; British "light fighters," 1214.
Canadian Aviation School, visited and reported by U. S. officers, 1079, 1088; catapult for airplanes, 1146; coast defense and stations, 930, 1294.
Danger element in air service, 1273; Dept. of Aeronautics, 1397, 1408; dirigible, Navy, requirements, 901.
Flight, Hempstead to Phila., 590; Flying pay, student aviators, 1468.
Goodyear war kite balloon, 797; great air fleet planned, 1397, 1431.
Hydro-aeropl., Navy Yard built, 20.
Inside a fallen Zeppelin, 307; Italian air work, 1617.
Joint board reports, 961; Knox aeronautic motor test, 447.
Looping the loop in seaplane, 886.
Manufacturers' capacity and appropriations, 1360; manufacturers favor U. S. in foreign contracts, 748; Mass. Naval Aero Co., maneuvers, 100; Mexican service, 665; Military aeropl. problem, 101; military aviators few, 1709; military ballooning, 209; motor test, 1219.
N.—9 flying boat test, 105; National Advisory Committee, 1293; naval defense plans (Usher), 1116; naval service, building up, 711; Navy's aircraft factory, 1671; Navy contracts, 931; Navy needs, 131, 1505, 1557; new titles for airmen, 357; nomenclature, 291, 391; non-recoil gun, 293; notes, 50, 197, 231, 325, 329, 390, 397, 526, 647, 668, 679, 721, 764, 815, 898, 928, 931, 963, 1020, 1088, 1119, 1156, 1308, 1340, 1374, 1478, 1506, 1584, 1671, 1709, 1730.
Parker (Gen.) flight, 1584; Peary on plans, 1397; Pensacola notes, 169; physical fitness of aviators, 1039; P. O. Dept. should coöperate, 665; preparing our air forces, 1197; problems in airplane construction, 718; programme of Council of Nat. Defense, 1259, 1397, 1408; proving ground at Hampton, 698.
Reserve Flying Corps, Navy, 1256; reserve officers for aviators, 1374.
San Diego notes, 197, 846, 1222; scouting value, 169; speeding up construction, 930; Squier and Peary on plans, 1397, 1594; standardization of aircraft, 964, 1466.
Torpedoplane, 780, 948, 1142, 1258, 1326, 1431, 1521, 1700.
Uniform not an allowance, 1507; U. S. airplanes equal Europe's, 1080.
Wireless from airplanes, 1354; Wright patents and U. S., 721.
Zeppelin, Count, death, 891; Zeppelins for U. S., 781.

Ajax, U. S. S., mutiny, 604.
Alaska: Married men best for service in, 195; railroad construction, 497, 1326.
American Red Cross: Army contribution to, 1548; Army Women's Chapter, 1400; building in Washington dedicated, 1228; Col. Kean relieved, 1516; commission to Europe, 1360; hundred-million fund, 1465; Mary Pickford to, 1607; Medical units, 388, 1632; military titles, 1477, 1546, 1618, 1631, 1665; new general manager, 1546; notes, 4, 36, 167, 325, 400, 403, 497, 711, 748, 838, 852, 996, 1014, 1046, 1097, 1118, 1153, 1215, 1228, 1259, 1360, 1584, 1668, 1670, 1698; status, 388.
Anecdotes from various sources, 31, 63, 95, 126, 159, 191, 223, 255, 287, 319, 352, 415, 447, 479, 519, 520, 583, 647, 648, 711, 743, 775, 87, 840, 882, 911, 943, 975, 1007, 1039, 1070, 1110, 1111, 1143, 1175, 1215, 1246, 1286, 1310, 1391, 1396, 1454, 1458, 1498, 1535, 1538, 1574, 1575, 1646, 1647, 1650, 1687, 1727, 1730, 1732, 1767.

ANNUAL REPORTS:
Adjutant-General, 456; Alaska Road Commissioners, 1014; Auditor, Navy Dept., 165.
Board of Ord. and Fortification, 467; Bureau Constr. and Repair, 526; B. Insular Affairs, 467; B. Navigation, 487; B. Ordnance, 502; B. Safe Transp. Explosives, N. Y., 1014; B. Steam Engineering, 468; B. Yards and Docks, 502.
Chickamauga and Chattanooga Park, 262; Chief of Coast Art., 466; Chief of Engineers, 460; Chief of Ordnance, 489; Chief Signal Officer, 528; Chief of Staff, 466; Coast Art. School, 1042; Coast Guard, 467; Comptroller of Treasury, 370.
Disciplinary Barracks, Pac. Branch, 467, 892.
Gettysburg Nat. Park, 262.
Hydrographic Office, 489.
Inspector-General, 456.
Judge Advocate-Gen., Army, 456; Judge Advocate-Gen., Navy, 502.
Library of Congress, 589.
Marine Corps, 467; Mass. Nautical School, 951; Military Academy, 105, 131, 133; Militia Bureau (273), 490, 537, 559; Mounted Service School, 262.
Nat. Advisory Committee, Aeronautics, 1180; Nat. Soldiers' Home, 895; Naval Communications, 489; Naval Observatory, 487; Navy Relief, 951.
Public Health Service, 528; Paymaster Gen., Navy, 488.
Quartermaster General, 457.
Rockefeller Foundation, 686.
Secretary of Interior, 464; Secretary of Navy, 468, 486; Secretary of War, 455; Shiloh Nat. Mil. Park, 263; Soldiers' Home, Wash., 262; Surgeon-Gen., U. S. N., 488.
U. S. Disciplinary Bks., 570.
Valley Forge Park Commission, 1014; Vicksburg Nat. Mil. Park, 263.

Answers to Correspondents, 24, 39, 88, 103, 135, 184, 216, 248, 264, 312, 313, 344, 376, 408, 441, 473, 509, 545, 577, 641, 673, 705, 716, 737, 769, 833, 875, 905, 937, 969, 1001, 1034, 1102, 1137, 1169, 1241, 1277, 1345, 1381, 1416, 1449, 1484, 1525, 1565, 1597, 1637, 1677, 1717, 1757.
Antarctic explora., 36, 775.
Argentine army system, 570, 653.
Argentine officers on U. S. ships, 982.
Arizona, U. S. S., commissioned, 243.
Armed neutrality—see European War, U. S. v. G.
Armor and armament cost, 433.
Armor: Maxim's torpedo proof, 1294.
Armor plant, Govt. site for, see Navy.
Armor plate, history, 166.

ARMY:
Abolishing, 1117; appreciation from 33d Mich., 1048; attacks upon character, 688; authorized strength, 81, 205, 305.
Bankers offer to advance money for, 994; bantam regiments, 1519.
Cantonments, and depots for Nat. Army, 1228, 1257, 1264, 1269, 1304; see Camps.
Defectives, use of in, 195; department commanders, changes in, 982, 983, 1020, 1150, 1229, 1739; depots and cantonments under full army organization, 1257, 1264, 1269; divisional reorganization approved, 1669, 1705, 1708; divisions of the new, 1198; 1705, 1733, 1749.
Estimates for quarters, 273; expansion scheme, 816, 1222, 1233, 1256, 1257, 1269.
Farming reservations, 1118; First Provisional Corps, 1192.
Geometry, 39.
Health, 3, 133, 453.
Increments all ordered, 1222, 1233, 1256, 1257, 1269, 1373; items, 51, 114, 147, 179, 204, 243, 275, 306, 371, 403, 435, 459, 496, 539, 567, 596, 635, 660, 695, 724, 774, 784, 816, 863, 895, 927, 959, 991, 1050, 1095, 1131, 1163, 1192, 1235, 1271, 1297, 1340, 1368, 1411, 1472, 1512, 1560, 1595, 1596, 1630, 1661, 1712, 1751.
Land forces of U. S., 747.
Matter with, 485, 490, 592; mechanics wanted for, 1020.
National, see Nat. Army; need of men, 949, 950, 952; new, Col. Foote on, 1547; notes, 74; numbering our Army units, 1557.
Officering our increased Army, 1517; opinion of defense and mobilization, 687; organization, 42d Division wholly of N. G. troops, 1698.
Paper work, 1325, 1547; police duty in strikes, 17; posts, useless, 1224; prospects, better, for, 112.
Recruiting statistics, 82; see Recr.; regimental designations, 1436, 1472; relief work by Army, in South, 540; reorganization, 1669, 1705, 1708; reserve and active duty, 208, 273, 752, 1430, 1481; reserve, estimates by Gen. Scott, 538.
Sentence to, see Justices; staff changes, 1709; stations under completed increments, 1222; strength, 747, 748, 845; strength compared with European, 99; strength of overseas garrisons, 751; supplies at cost-plus-profit, 1197; supplies in Canada, 1197.
Tables of organization, 1269, 1305; tactical units, changes, 1592; tactics, 71; training, uniform, 656; training a mobile army, 852; transfers and equalization, 401.
Uniformity of height of men in company, 752.
War strength, 1373; what Reg. A. offers, 297.

Army and Navy responsibilities of the year, 568.
Army and Navy Co-Op. Co., 571, 628, 796, 892.
Army and Navy Journal: As instructor of legislators, 920; files in Honolulu, 812, 893; good words for, 36, 68, 76, 132, 195, 357, 422, 464, 526, 622, 654, 892, 1014, 1118, 1150, 1222, 1658; statement of ownership, 223, 1069; Washington office, 568.
Army Regulations: Changes, 44—13; 45—173; 46—333; 47—461; 48—674; 49—725; 50—821; 51—857; 52—925; 53—989; 54—1089; 56—1332; 57—1437; 58—1754; changes since issue, 1082; revision, 1045, 1129.
Army Transport tobacco fund, 1712.
Army transports: Carry German mails for Manila and China, 36; Crook reëquipped, 1326; more needed, 35; new needed, 557; passenger and sailing lists, 51, 103, 147, 207, 243, 275, 306, 370, 371, 403, 459, 507, 539, 567, 596, 635, 660, 695, 759, 785, 789, 863, 864, 895, 959, 1019, 1050, 1226, 1368, 1652, 1732.
Articles of War, revised, 5-8.
Asiatic fleet roster, 404.
Athletics; Newport, 574; preparedness asset, 603, 1671.
Atlantic Fleet: Athletics, 244; battle-practice scores, 20; changes, 1557; efficiency, 1410; in S. Amer. waters, 1596-7; motor patrol, see Navy; not out for world's records, 134; schedule Jan. to March, 468; target practice, see Target Practice; training men, 1433; visit to Panama Canal, 369; war game, 19.
Australia, compulsory mil. service, 36, 100, 132, 292.
Automobiles: Armored cars on border, 401; augment plans for auto-transport, 1197; auto truck repair shops, San Antonio, 947; bids for motor transports, 1257, 1404; contracts for motor transport, 1549, 1631; drivers for, needed, 1273; field art., see Field Art.; light armored motor cars, 774; machine gun motor car impracticable, 1698; machine shop at Ft. Sam Houston, 243; motor-drawn field art., 113, 526, 1325; motor expert for Army, 230; motor transport contracts, 1549; motor transport in Marine Corps, 947; motor transportation, Army, 698, 1095; motor transportation, rapid, infantry, 396; motor truck bodies for Army (contracts), 1594; motor truck group hdqrs., 1218; motor truck specifications, 1120, 1222; motor trucks and cavalry, 453, 816; motor trucks in N. Y. State, 821; motor trucks for mach. guns, 36; motor trucks on border, 51, 168, 424; organization and operation of a motor truck company, 1535; output, U. S., 352; Packards at Plattsburg, 126; relay race, 133; road-building motors, 1295; standardization motor trucks and motorcycles, 1518; tactical employment of motor transportation, 1110; tractor for heavy guns, 1305; trailmobiles with supply trains, 932; transcontinental record, 1701.
Axton, Chaplain, tribute, 851.

B

Baker, Sec. N. D.; Army not anxious for war, 112, 132; military policy, 210; on lessons of Eur. war, 525; on newspaper criticisms, 1430; tenure, 336.
Bands: Fife and drum corps, 103; Musical Art Band scholarships, 199, 1083; warrant rank, bandmasters, 1188.
Barry, J., founder of U. S. Navy, 169.
Baseball in Hawaii, 8.
Battle cruisers, see Warships.
Battleships: Armor vs. artillery, 291; biggest possible, report on, 846; guns for, 572; limitations on size, 814; Marjorie Sterrett fund, 814; names for new, 241; plans for the new, 401; protection for, 560; small vs. big (Earle), 291.
Benson, Admiral W. S., Chief of Naval Operations, 132.
Bethlehem Steel: Russian shell contracts, 814; Schwab and, 38, 541.
Bliss, Ft., hospital appeal, 592.
Blockade, interpretation, 1048.
Boards: Experiments with devices for camp and field, 1150; see Navy Yards; see Promotion.

BOOK REVIEWS:
Across France in War Time, 1734; Adventures of the U-202, 916; All for France, 1010; Army Paperwork, 1544; Along the Rio Grande, 779.
Ballads of the Fleet, 71; Battle Fire Training, 1153; Battle Fire Waste and Control, 1010; Benighted Mexico, 70; Breaches of Anglo-Amer. Treaties, 1181; British Empire at War, 1258; Bullets and Billets, 916.
Call of the Republic, 1081; Campaign Diary of a French Officer, 1081; Camping & Woodcraft, 71; Carnegie Endowment Year Book, 135; Catechism of Uniform Tactical Training, 679; Century of War, 1734; Complete U. S. Infantry Guide, 1659; Contemptible, 135.
Defense and Foreign Affairs, 980; Design of Marine Engines and Auxiliaries, 559; Desk-Book of 25,000 Words Mispronounced, 980; Destruction of Merchant Ships Under International Law, 1611; Digest of Davis' Mil. Law, 1544; Diplomat's Wife in Mexico, 37, 95; Dynamite Stories, 812.
Elements of International Law, 196; Elements of the Great War, 71; Emden, The, 1258; Explosives, Manufacture, Tests, etc., 1258.
Field Gunnery, 1611; Field Quartermaster's Handbook, 1544; Fiftieth Anniversary Celebration, N. Y. Vets., Gettysburg, 100; First Days in Manila, 164; First Lessons in * * French * * military, 1734; Flying for France, 1081; Football Days, 326; France Under the Republic, 679; French in One Lesson, 1360; From Sail to Steam, 779; Fundamentals of Naval Service, 1180.
Gallipoli, 326; German Warships, 1258; Germany's Economic Power of Resistance, 812; Getting Together, 916; Grail Fire, 1010; Grapes of Wrath, 1081; Grenadiers, Their Instruction, Training and Equipment, 980; Growth of a Legend, 812; Guide to the Articles of War, 1544.
Handbook on Care Gasoline Engines, 1010; Handbook of Ship Calculations, 1734; Handbook of Transportation, 1734; Henry Ford's Own Story, 916; How We Elected Lincoln, 197.
Idle Days in Patagonia, 1081; If Wishes Were Horses, 1181; In Canada's Wonderful Northland, 916; In the Claws of the German Eagle, 1181; Infantry Co. Commander's Manual, 1659; Infantry Co. Supply Manual, 1258; Infantry Drill, annotated, 326; Inside the British Isles, 1734; Internat. Mil. Digest for 1916, 1363.
Joyful Years, 1734; Judgment of the Orient, 1081; Junior Plattsburg Manual, 1659.
League to Enforce Peace, 980; Learning to Fly, 812; Leonard Wood: Prophet of Preparedness, 1010; Letters of a Plattsburg Patriot, 1258; Life and Times of David Humphrey, 1081; Life at U. S. Naval Academy, 980; Life of John A. Rawlins, 262; Lighthouses and Lightships (U. S.), 1258; Lights and Shades of the War, 1081; Lucky Bag, 1324.
Machine Gun Training, 1611; Major-Gen. J. S. Wadsworth at Gettysburg, 100; Malice in Kulturland, 1012; Manual for Q. M.'s, 1132; Manual of Field Equipment, 916; Menace of Japan, 1181; Mexican War Diary, McClellan, 1180; Microscopic Exam. of Steel, 980; Military and Colonial Policy, 779; Military and Naval America, 197; Military Field Notebook, 1350; Military Sketching and Map Reading, 916; Military Topography, 1544; Military Training for Boys, 1258; Military Training in Schools, 1180; Mobilizing America, 1181; Modern Seamanship, 1153; Motor Trucks of America, 812; Mounted Rifleman, 70.
Nave's Handbook on the Army Chaplaincy, 1363; Navy as Fighting Machine, 171, 229; Navy Lubricants and Lubrication, 1363; Navy Register, 1409; Navy Year Book, 686; Notes on Post Exchanges, 1611.
Old 1st Mass. Coast Art., 1081; On the Anzac Trail, 71; Only a Dog, 916; Operation Orders, Field Art., 916; Our Eastern Question, 70; Our Flag and Its Message, 1258, 1363; Our Mexican Muddle, 812; Our U. S. Army, 1258; Outposts of the Fleet, 1081; Over the Top, 1544.
Peace and Quiet, 197; Pincher Martin, O. D., 1181; Pirate Bridge, 916; Pitman's Shorthand Phrase Book, 1611; Plain Facts About Mexico, 37; Plattsburg Manual, 980, 1044; Practical Bombing, 1544; President of U. S., 37; Primer for Officers' Res. Corps, 1153; Problems in Troop Leading, 265; Pure Logistics, 1544.
Radiodynamics, 197; Rapid-Fire English—French—German, 1734; Rawlins' Life, 262; Recollections of a Rebel Reefer, 1181; Red, White and Blue, 1659; Reminiscences of a War Time Statesmen, 166; Reserve Officers' Handbook, 1544, 1611; Rhymes of a Red Cross Man, 980.
Sea Warfare, 1081; Selective Service Manual, 1611; Shell Shock and Its Lessons, 1611; Sketching Methods, 1544; Small Problems for Infantry, 134; Soldier-Doctor of Our Army, 1044; Soldier's Catechism, 71; Soldiers' Spoken French, 1611; South Amer.: Study Suggestions, 197; South Amer. Wars for Independence, 134; Spade Warfare, 1611; Spanish for Soldiers, 326; Steam Turbines: Treatise U. S. Practice, 779; Story of the Highland Regts., 1181; Stresses in Wire-Wrapped Guns, 71; Submarine Torpedoboat, 197; Sulu Writing, 1611.
Technique of Modern Tactics, 846; Textbook of Naval Aeronautics, 1611; To Mexico with Scott, 1659; Topographical Drawing, 1544; Trench Warfare (Moss), 1544; Trench Warfare (Smith), 1544; Trenching at Gallipoli, 197.
Universal Drill Manual, 1363, 1611; Universal Mil. Education and Service, 134.
Vade-Mecum, 1544; Verdun to the Vosges, 197.
War, 1611; War After the War, 980; War and Humanity, 779; War of Democracy, 916; Watching and Waiting on the Border, 1363; Webb and His Brigade at Gettysburg, 100; What Every Company Officer Shd. Know, 1363; What You Want to Say * * * in French, 1734; Why Men Fight, 1010; Why Preparedness, 165; With the N. G. on the Border, 1734; World for Sale, 165.

Boston, U. S. S., history, 71.
British: Admiralty and Navy changes, 1294; birth-rate decline, 300; Cabinet changes, 453, 465, 485; conscientious objectors, 44; cost of munitions, 551; half-pay list, 479; how G. B. created its new armies, 994, 1120; how Kitchener's army was trained, 583; Navy, prize money, century ago, 228; Navy personnel, 813; Robertson's career, 1574; ships building in Japan, 1690; submarines, Amer. built, to Chile, 308; volunteer system, 1130; see European War.
Bryan: German-Amer. break, 997; Spanish-Amer. war, 814.
Bureau of Ordnance, new chief, 537.

C

Cable censorship (Navy), 1701.
Cablegrams to forces in Europe, 1368.
Call of the hour, 792.
Camera, airplane and fingerprint, 1646.
Camps, internment, 960.

CAMPS, TRAINING:
Allentown, Pa., 1544; American Lake, Wash., 503, 597, 622, 656, 657, 1131, 1744; appointments from training camps, 1664, 1692, 1694, 1697, 1712; Army cantonments, 1228, 1257, 1264, 1269, 1304, 1340, 1373, 1376, 1409, 1441, 1506, 1519; names, 1546, 1658, 1660; aviators, 486, 1269; see Aviation Stations and Schools.
Benjamin Harrison, 1297, 1410, 1442, 1658, see Apptmts. from Tr. Camps; boys' camps, 133, 899.
Camp built in ten days, 1290; candidates, to regular and reserve, from camps, 1585; cantonments, sanitation, 1618; Chickamauga, 1442; "cleaning up" around camps, 1430; college or training camp, 491; colored officers, Des Moines, 1304, 1399; cost of field training, 144.
Divisional camps, 1711.
Eastern Dept. list, 624.
Field Artillery camps, additional, 228; Fort Douglas (citizens), 4, 133; Fort Hamilton (boys), 133; French officers at, 1697, 1711.
Hospital plans for Army cantonments, 1658.
Leon Springs, 1297, 1410; L. H. Roots, 1297.
Madison Bks., 1375; Medical officers, 1269; Military Training Camps Assoc., 421, 434, 487; Myer, 1160, 1297.
Nat. Gd. trg. camps, 1409, 1442, 1512, 1581, 1629; Naval camps, 572, 622, 669, 1442, 1618, 1619; negro officers, 1304, 1399, 1410; newspaper men at camps, 1698; newspapers published in, 1740; notes, 1410, 1442.
Officers' training camps, first series, 863, 995, 1052, 1079, 1088, 1091, 1128, 1132, 1151, 1160, 1161, 1163, 1198, 1221, 1223, 1273, 1293, 1297, 1338, 1340, 1374, 1618; ditto second series, 1338, 1442, 1477, 1560, 1629.
Palo Alto camp abandoned, 1741; pay of enl. men attending, 1545; pamphlets concerning tr. camps, 1372; Peekskill (N. Y. State cadet), 1522; Plattsburg, 38, 41, 68, 134, 179, 196, 402, 486, 624, 1375, 1410; "Plattsburg and citizenship," 1110; Presidio, 1297; Princeton, 1375.
Quantico, Marine Corps, 1309; Quartermaster Corps, 1629, 1669, 1712.
Regular Army camps, 1222.
School Camp Association, 899; signal officers, 1585; Southern, 1442; Stewart, M. B., on Trg. Camp, 486; students, success, 1618.
Tobyhanna, 12, 37; training camp list revised, 1583.
Western camps, 949; winter proposal, 260; Wrightstown, N. J., 1506.
Yale batteries, 37, 1184.

Canada: Border identification system, 982; munition industry in, 432; no conscription in, 654; Sir Sam Hughes resigns from Cabinet, 369; universal mil. service, 241; war expenses, 600.
Canals: Chesapeake & Delaware, 621; New York State, 68; Nicaraguan, 916; Panama, see Panama Canal; second for U. S. predicted, 67.
Carnegie, non-magnetic yacht, 164.
Carter, W. H., Gen.: Our military system defective, 887; public opinion and defense, 44.

CASUALTIES AND ACCIDENTS:
Aeronautical, 330, 1398, 1411, 1623; Ammen in collision, 1340; Amphitrite in collision, 1377.
Castine's narrow escape, 148.
E-2 explo., 240, 260; Eddystone munition plant, 1109; explo. munitions plants, 711, 812; explosion U. S. S. A-7 at Cavite, 1585; explo., Wakefield range, 176.
Fire on Solace, 636; Frankford Arsenal, 1110.
H-3 stranded, 572, 636, 700, 732, 950.
McCulloch, C. G., cutter, sunk, 1368; McPherson, Ft., field practice, 1661; Mare Island explosion, 1520; Memphis, U. S. S., tidal wave, 16, 18, 41, 84, 102, 116, 148, 169, 778; Michigan, U. S. S., explo. on, 116; Milwaukee, U. S. S., lost in shoal waters, 667, 779, 700, 919; Mongolia gun accident, 1272, 1307, 1339, 1398, 1443.
Olympia grounding, 1443, 1521.
Picatinny Arsenal explo., 57, 74.
Sampson, U. S. S., in collision, 730; Sonoma collides with Delaware, 572; Sumner, grounding, 496.
Tsukuba explosion, 669.

CAVALRY:
2d, Troop A, banquet, 506; 4th, a colonial regt., 728; 16th, toast to, 8; 17th, obstacle ride, 38; 17th trophy, 294.
Aeroplanes vs., 195; Drill Regs. changes, 1369; Drill Regs., revised, 49, 338, 622, 763; equipment, French, 503; horse, type of, for, 1088, 1584; Journal and Assoc. hqrs., 332; pistol tests in field, 624; polo, as C. training, 812; promotion block, 760; saddle for enlisted men, 49; security and information, value, 195; value in war, 1658; war strength regiment, 435.

Cemetery, grave lost, 1083.
Censorship and the press, 761, 885, 917, 949, 982, 1015, 1061; at New York, 1150; Committee on Public Information, 1506; Nat. Publicity Board, 1079; regulations, 983, 1362, 1373, 1506, 1629; tribute to Army censor, 1020.
Chadwick: Our international relations, 814.
Chapel fund, return of, 1660.
Chaplains: Exams., 654, 918; for new army, 1557; proportion and qualifications, 230; work, Mex. border, 164.
Chewing gum in Europe, 1611.
Chief of Naval Operations, 433.
Chile, submarines for, 950.
China: Army beef from, 199; break with Germany, 929; exports and imports, 132; Japanese demands, 68; loan, 400; railroad bldg., 177, 240, 291, 679.
Choate on President Wilson's policy, 1128.
Christmas packages to Philippines, 146.
Church, F. P., memoriam, 525.
Church, W. C., see Obituaries.
Citizenship and foreign war service, 305.
Civil engineers for Navy, 1116, 1398.
Civil and military authority, 1507.
Civil military preparation, 931.
Civil War: Ages in, 1611; generals, North and South, 228; Grant's war despatches sold, 1391; modern devices in, 294; Morgan's raiders, 447; railroad building in, 711; reminiscences, 647; submarines in, 748; surgical operation by a rat, 169.
Civilian abuse of officers, 209.
Civilian aid in a new light, 993.
Coast and Geodetic charts, 4.
COAST GUARD: Academy, 1118; boats for inland waters, 701; cadetships, exams., 1436; code book stolen, 44; cutters, oil-burning, 292; mobilization plans, 965; notes, 24, 53, 85, 117, 149, 181, 213, 245, 277, 309, 341, 373, 405, 437, 469, 508, 541, 573, 605, 637, 672, 704, 733, 765, 797, 801, 829, 865, 885, 901, 936, 965, 997, 1029, 1466, 1481, 1521, 1524, 1561, 1597, 1673, 1713, 1748, 1753; telephonic facilities, 825.
COAST ARTILLERY: Drill Regs. changes, 365; Engineer unit, 1468; first-class gunners, 927; increments, 1376; non-com. staff, 295, 325; provisional regts., 1557, 1618; Rockaway Point, N. Y., fortification, 753.
Cobblers for Army, 816.
Cody, W. F. (Buffalo Bill), death, 626, 1330.
Colleges: Activities and athletics during war, 1617, 1671; are honor men best men, 622; "distinguished," 1698; military training, see Mil. Tr. in Schools.
Colonels, new, 1409.
Colonial regts. opposed, 593.
Communication, maintaining, 1348, 1618.
Commutation of heat & light, 624.

Comptroller's decisions, 12, 16, 148, 169, 179, 208, 230, 244, 260, 265, 304, 333, 364, 397, 435, 497, 503, 504, 570, 601, 669, 718, 732, 756, 797, 850, 889, 902, 956, 1014, 1058, 1082, 1066, 1129, 1148, 1220, 1252, 1306, 1327, 1362, 1372, 1467, 1519, 1561, 1583, 1618, 1671, 1699, 1733, 1748.

CONGRESS: 64th, First Session:
Adjournment, 49; Army and Navy Appros., 12; bills, 22, 50, 82; Ericsson memorial, 12; franking privilege abused, 292; General Deficiency, 22, 50; Hay's successor as Military Committee chairman, 36; Marine Corps personnel and appropriations, 22; Med. Reserve Corps officers to Med. Corps, 37; nominations and confirmations, Army, 12, 13, 17, 45, 76; nominations and confirmations, Navy, 21, 53, 84; notes, 22, 50, 82; restoration to active list, 50; retaliation against Entente, 49; summary of legislation for services, 80; widows' pension increase, 82.

CONGRESS, 64th, Second Session:
Army appropriations, 471, 767, 795, 826, 828, 848, 866; Army legislation, outlook, 653; Army promotion, Tilson bill, 687.
Baker recommends Army legislation, 688; bills, 470, 506, 542, 573, 638, 670, 702, 734, 768, 795, 827, 866.
Civil War retired list, 559, 655, 686; committees, 402, 461.
Danish West Indies, 782.
Espionage bill, 827.
Final session closes, 898; Fortification appropr., 760, 729, 732, 734, 766.
Galveston hurricane losses, 571, 589, 897, 932, 1180, see Galveston.
Indian wars pensions, 934.
Longevity claims, 762, 815.
Military Academy, 795.
Nat. Defense Act, 433, 453, 1233; Nat. Guard, defederalise, 453; Naval Appro. bill, 730, 766, 795, 826, 849, 865, 866, 886, 902; Naval personnel, 465; Navy plans disclosed, 899.
Nominations and confirmations, Army, 501, 532, 545, 597, 629, 661, 663, 693, 725, 757, 801, 821, 857, 893; nominations Marine Corps, 541, 546, 636, 701, 765, 829, 901; nominations and conf., Navy., 541, 546, 573, 605, 636, 669, 701, 733; 765, 797, 829, 865.
Notes, 470, 506, 542, 574, 603, 638, 670, 702, 734, 766, 795, 827, 865, 898.
Peace address of Pres. Wilson, 685; pension appropriations, 766.
Relief funds, Army & N. G., dependents, 536.
Shipping Act, 827; submarine question, 779; Sundry Civil, 866.
Tavenner, Representative, 465; transfers from retired to active, 795.
Universal training & service, 356, 368, 436, 568, 570, 748, 753, 761, 762, 781, 793; Chamberlain-Mossley bill, 798.
Work before, 368.

Congress, 64th, Second Session—Hearings:
Army Appro., 500, 525, 527, 540, 564, 603, 628, 753, 782; Daniels, 504; Marine Corps, 467; Naval appro., 305, 389, 402, 434, 454, 465, 486, 504, 538, 561, 572, 573; universal training, 624, 632, 654, 657, 687, 731, 847, 848, 869 to 874, 1260.

CONGRESS, 65TH, First Session:
Additional estimates for Navy, 1582; Army appro., 1017, 1026, 1059, 1185; Army promotion (Tilson), 1067.
Bills, 1017, 1032, 1060, 1065, 1066, 1085, 1131, 1164, 1200, 1270, 1308, 1339, 1375, 1411, 1446, 1508, 1522, 1560, 1595, 1596, 1632, 1670, 1711, 1751; Bond bill, 1085, 1129.
Chamberlain bill for Univ. training, 996, 1026, 1047; Commandeering bill, 1059; Committee on Conduct of War, 1067; contract surgeons commissions, 1522.
Declaration of state of war with Germany, 1026; Defense Act amendments, 1095, 1164, 1375, 1595, 1667; deficiency estimates, 1582, 1593, 1595, 1629; Dept. of Aeronautics, 1047, 1057; drafting aliens, 1632.
Enrolment in Naval Reserve, 1182; espionage, 1085, 1338, 1372, 1397; extra session call, 960.
Foreign armies enlisting in U. S., 1077, 1163; franking privilege, 1737.
General Staff plan of training, 1024.
Increase Navy and Marine Corps, 1131, 1199, 1235, 1270; insurance, Army and Navy, 1699; investigations, 1429.
Longevity claims, 1094.
Medal of Honor law revision, 1507, 1560, 1618; Medical Corps, promotions, 1446; Military Academy, 1026, 1059, 1200.
National Army, see Selective Draft; naval aeronautics, 1505, 1557; naval hearings, 1120; Navy, temporary increase, 1131, 1199, 1235, 1270; no joint committee, 1093; nominations and confirmations, Army, 925, 929, 1055, 1125, 1137, 1156, 1193, 1229, 1264, 1300, 1328, 1337, 1368, 1404, 1436, 1472, 1513, 1540, 1552, 1555, 1585, 1596, 1602, 1624, 1653, 1654, 1665, 1704, 1754, 1765; nominations and conf., Navy and Marine Corps, 929, 933, 1061, 1101, 1133, 1165, 1201, 1273, 1309, 1341, 1377, 1413, 1436, 1445, 1481, 1521, 1561, 1603, 1633, 1672, 1677, 1713, 1753; notes, 1026, 1059, 1085, 1131, 1163, 1198, 1235, 1270, 1308, 1338, 1375, 1411, 1440, 1446, 1466, 1480, 1508, 1522, 1559, 1595, 1632, 1670, 1711, 1751.
Pharmaceutical Corps, 1656; precedence in Navy, 1164.
Retired Engineer officers to active service, 1308; Rivers and Harbors, 1221, 1446, 1670.
Selective Draft or Emergency Army bill, 1017, 1045, 1047, 1059, 1085, 1092, 1117, 1119, 1130, 1132, 1148, 1149, 1163, 1196, 1198, 1228, 1233, 1234 (the act), 1270; Senate in special session, 898; Signal Corps (aviation) increase, 1508, 1522, 1559, 1595; Sundry Civil bill, 1059, 1339.
To take over foreign ships, 1163.
War expense deficiency appropriation, 1163, 1235, 1270, 1308, 1338, 1375; woman in Congress, 1149.

Conscription, in history, 1045, 1149, 1151, 1364.
Conscription, Taft on, 796.
Constructive service, Pay Corps, 846, 848, 1188.
Contract surgeons, plea for, 752, 1187.
CORPS OF ENGINEERS: Engrs., Nat. Army, 1404; Forest regt., 1427, 1710; railroad regiments, 1368, 1404, 1697; reserves, 1368, 1404; reorganization, 1409.
COUNCIL OF NAT. DEFENSE, 35; activities, 825; advisory members, 210; Air Board, 1658; college men offer services, 792; conference of Governors, 1118, 1153; criticisms answered, 1519; dental committee, 1360; expenses, 1197; Exports Council, 1698; for guarded military zones, 1184; industrial army, 1235; Inland water transp., 1430; medical conference, 572; meetings, 357, 467, 782, 783; Munitions Board, 928, 1465; Railroad Board, 1061, 1545; subcommittees, 1222; War Industries Board, 1617, 1698; war plans, 1028; women's work, 1129.
Course for citizen soldiers, 1650.
Court Decisions: Constr. service, Pay Corps, 846; Emerson and Lowell, see N. G.; horses lost in service, 624, 1180; mileage, 634; pay clerk's constructive service, 848; retroactive promotion decisions, 1116; Wulzen recruiting case, 73.
Court-martial of spies, 1620.
Criticisms, constructive and otherwise, 1359.
Cronan-Maxwell investigation, 20.
Crowder, Provost Marshal, tribute to, 1584, 1739.
Cryptography problem, 231.
Cuba: Rebellion, 793, 861, 897, 931, 963, 981, 1046.
Custer massacre, 198.

D

Daniels, Secretary: On Grayson appmt., 698; on naval construction, 12; on Navy under himself, 20.
Danish West Indies: Future government of, 697, 793, 993; new name for, 893; sale to U. S., 133, 164, 397, 525, 557, 572, 589, 665 (see Virgin Islands).
Day's adventures of a Regular, 1659, 1740.
Death: Attitude toward, 1256; notices to kin, 1582.
DEFENSE, NATIONAL: Act's operations, 586; Bell, Gen., on, 699; budgets next year, Army and Navy, 209; Bureau of Mil. Resources, 748; Congress of Patriotism, 504, 700, 730; getting together, 324; Governors' council, 918; industrial preparedness, 327, 782, 898; leader wanted, 557; Military O. L. L., California, for, 547; Nat. Collegiate Athletic Assoc., 590; Nat. Chamber of Commerce, 654; National Research Council, 195; National Security League activities, see Societies; New York Mayor's committee, 700; railroads in, 228, see Railroads; tabulation of resources, 729; telegraphers, etc., 1256; wanted, the man behind the gun, 760.
Democracy of the Service, 1584.
Dental Corps, U. S. A.: Exams. and candidates, 141, 169; new appointees, 1444; promotions of lieuts., 917.
Dental Surgs., Navy: Exams., 241, 526; new appointees, 1444, 1585.
Dentist in war, 166.
Dept. command, changes, 982, 983, 1020, 1150, 1229, 1739.
Des Moines, U. S. S., on relief expedition, 132.
Desertion, in war time, 1466, 1472, 1521.
Detached Officers: List, 268; status, 433.
Detached service law's defects, 485, 491; new suggested, 633.
Detroit, citizens mostly foreign born, 228.
Dewey and offensive in warfare, 1147.
Diesel engines, 501, 540.
Disciplinary Bks. duty vacancies, 391.
Dismissed, dropped, discharged (see G. C. M.'s): Armstrong, W. H., 660; Gallup, F. H., 660; Graham, H., 660; Harman, J. A., 932; Hawkins, E. H., 829; Lange, E. C., 829, 963; Lynch, C. P., 932; McQuarrie, D. S., 932; Merrick, A. A., 932; Michaelis, O. E., 1297, 1332; Tipton, T. M., 829, 963.
Draft law, 1234: Age limit criticised, 1617; Canada and U. S. draft, 1269; constitutional, 1744; Crowder (Gen.) complimented, 1584, 1739; dependency and, 1657; evasion and Quakers, 1293; how to help conscripts, 1259; in operation, 1582, 1657; mobilization under, 1477; no favoritism, 1221; plans, 1221, 1257; registration, 1269, 1336, 1373; regulations, 1477, 1517.

E

Eager, Dr. J. M., 71.
Edison: Damage suit acct. explosion E-2, 467; storage battery report, 699.

EDITORIALS:
Abolishing the Army, 1117.
Adjournment of Congress, 49.
Admiral Palmer's recommendations, 465.
Advancements on lineal lists, U. S. A., 177.
Advertising the Services, 1149.
Age of general officers, 1668.
Air armada program favored, 1408.
American college for Mexico, 717.
Ample and free food supply here, 845.
Another anti-submarine weapon, 1372.
Applying the lessons of war, 621.
Armed ship issue must be settled, 601.
Arming merchant vessels, 793, 929.
Army desertion statistics, 35.
Army officers and Congress, 99.
Army (Officers) Reserve Corps, 241.
Army promotion plan, 569.
Army recruiting, 557.
Army reorganization approved, 1669, 1708.
Army second lieutenants, 1441.
Army to adopt cost-plus-profit, 1197.
Army transfers and equalization, 401.
Army's part, 993.
Arrival of our troops in France, 1440.
As to two Naval Academies, 356.
Athletics at West Point, 131.
Atlantic Fleet changes, 1557.
Augment plans for auto-transport, 1197.
Aviation program, 1441.
Bedevilling the Gen. Staff, 1255.
Befogged police chief, 387.
Better prospects for Army, 112.
Bring Pershing back, 600.
Britain adopts retaliation, 1581.
Britain's shortage of men, 176.
Building up reserve organizations, 845.
Call of the hour, 792.
Call of the Nat. Guard, 1516.
Cantonments and Camps, 1409.
Censorship and the press, 885, 949.
Change of uniform, 1221.
Chinese Amer. Ry. Contract, 240.
Classifying the recruits, 1669.
Civilian abuse of officers, 209.
Civilian aid in new light, 993.
Civilians to aid cantonment building, 1269.
Colleges and war, 1617.
Colonels under promotion plan, 717.
Coming promotions, Army, 1161.
Commissions in O. R. C., 1337.
Committee hearings, 465.
Compliments of the Season, 568.
Composition of New Army, 1161.
Conference on destroyers, 1737.
Congress and Defense Act, 433.
Congress and the Army bill, 1092.
Congressional investigations, 1429.
Conscription, 1149.
Continue Militia Bureau, 1628.
Cost of armor and armament, 433.
Crown Prince and Verdun, 401.
Crux of the situation, 3.
Defense of Panama Canal, 421, 653.
Disposition of negro soldiers, 1669.
Divisional encampments, 1304.
Divisional reorganization approved, 1669, 1708.
Doctors and the war, 1359.
Dress uniforms laid aside, 1128.
Dusk of the Nat. Guard, 432.
Draft registration a success, 1336.
Early graduation at West Point, 177, 1025.
Electric drive controversy, 824.
Emergency Army bill, 1045, 1232.
Emergency commissions for non-coms., 917.
Enlarging General Staff Corps, 1305.
Europe strengthens her navies, 145.
Events in world politics, 369.
Expansion of Regular Army, 1233.
Exposing pacifist fallacies, 717.
Fair play for Govt., 1337.
Federal jurisdiction over Militia, 259.
Filling Marine Corps officers' list, 697.
Five arms of Army at war strength, 1378.
Foreign service roster, 537.
Forty-five thousand officers needed, 1183.
Galveston hurricane claims, 589.
German-Mexican alliance, 861.
German political changes, 1556.
Germany proposes peace negotiations, 500.
Getting things done, 1293.
Good beginning, 35.
Good word for Nat. Guard, 729.
Great air fleet planned, 1397.
Greece and the new democracy, 144.
Grenades, mortar shells and bombs, 113.
Guard movement to camp delayed, 1629.
Guard on Universal training, 1025.
Hardships in transfers to N. G., 16.
Health of our troops, 3, 453.
High cost of belligerency, 1593.
Higher rank for Army, 1057.
If our Navy goes to war, 760.
Immediate need, 896.
Imperative need, 356.
Important changes abroad, 929.
Improvements in Militia equipping, 761.
In times of peace, 632.
Increase of Enl. men's pay probable, 433.
Increase of flag officers, 1304.
Increase of Navy and Marines, 981.
Increase the General Staff, 601.
Interning aliens, 1183.
Is it Peace or Fiercer War, 536.
Japan's part in this war, 387.
Japanese question before Senate, 501.
Joint air board reports, 961.
Keep the Guard in training, 48.
Land forces of U. S., 747.
Legislation for services, 60.
Let there be no armed neutrality, 860.
Liberty of the seas, 208.
Line promotion for Engineers, 633.
Localizing Regular regiments, 81.
Location of warship boilers, 845.
Loss of private property, 1737.
Loss of the Memphis, 16.
Machine-gun board report, 1441.
Machine rifle board, 163, 305, 433.
Making Navy selection effective, 421.
Making use of defectives, 195.
Manufacture of munitions, 601.
Marina case, 304.
Marine Corps brigadiers, 48.
Marines in Cuba and San Domingo, 861.
Mexican protocol signed, 421.
Mexican situation, 401.
Military law as political factor, 259.
Military titles for Red Cross, 1477.
Military training, 1013.
Military training legislation, 697.
Militia under new law, 67.
Misrepresenting National Guard, 992.
Mobilization under selective draft, 1477.
Moral aspects of the war, 1028.
Motor cars on border service, 401.
Motor traction regiment, 113.
Motor transport and new Army, 1045.
National Academies, The, 1373.
National Army cantonments, 1441.
National Army mobilization, 1709.
National Guard for Fed. service, 1477.
Nat. Guard laws may stand, 569.
National Guard preparation, 929.
National preparatory schools, 464.
Naval bill hearings, 305.
Naval conference at Washington, 1057.
Naval laboratory postponed, 1325.
Naval losses of the war, 1657.
Naval preparedness measures, 961.
Naval selection for promotion, 485.
Naval shell contract, 696.
Navy not yet mobilized, 929.
Navy plans all-year aviation training, 177.
Navy promotions in prospect, 501.
Navy recruiting, 1233.
Navy selection board, 337.
Navy staff promotions, 664.
Navy's fighting value, 747.
Need for new Army transports, 557.
Need of men for Army, 949.
Needs of Army Medical Corps, 1617.
New Army tables of organization, 1305.
New detached service law (suggested), 633.
New division for Navy Med. Corps, 1408.
New hope for Entente, 928.
New machine gun approved, 1556.
New military policy, 305.
New National Guard units, 1255.
New Reserve officers, 1709.
New ship construction, 177.
Newspapers favor univ. training, 917.
Next year's Army and Navy budget, 209.
No favoritism in selective draft, 1221.
No joint committee of Congress, 1093.
No pork in River and Harbor bill, 1221.
Non-coms. as reserve officers, 861, 917.
Non-coms.' opportunities for commission, 993.
Notes of Army matters, 49.
Notes of Army personnel, 337.
Numbering our Army units, 1557.
Officering our increased armies, 1517.
Officers' Reserve Corps, 241, 1128.
Oil reserves for Navy, 501.
On getting together, 324.
Our advance forces abroad, 1372.
Our Army to rebuild French Rys., 1293.
Our new battle cruisers, 81.
Our shipping facilities, 1129.
Outlook for universal service, 960.
Over two billions for heavy ordnance, 1629.
Pacifism's eternal impasse, 336.
Paper work, 1325.
Peon as a peace agent, 131.
Pershing comes back, 761.
Physical defects of Nat. Guard, 589.
Pitiful spectacle, A, 665.
Plans for Expeditionary Force, 1409.
Plans for universal training, 793.
Possibilities in construction, 747.
Postpone Guard mobilization, 1441, 1477.
Preparing our air forces, 1197.
Preserving the new tradition, 1196.
President Wilson counsels peace, 685.
President's Call to Arms, 1013, 1024.
Progress of recruiting, 793.
Progress of the draft, 1657.
Promotion by selection, 729.
Promotion by seniority, 1077.
Promotion in Navy, 17, 145.
Promotions in Army Med. Corps, 1409.
Promotions in Coast Artillery, 1197.
Promotions in Q. M. Corps, 1269.
Prosecution of the War, 1268.
Provide Government supplies, 825.
Publication of service orders, 1293.
Question of discipline, 589.
Reaping the harvest, 1359, 1430.
Rebellion in Cuba, 897.
Recruiting for Army, 17, 227.
Recruiting for the Services, 401.
Release the fleets, 1429, 1547.
Requirements for line reserve officers, 885.
Resignation of Col. Gordon Johnston, 465.
Results of first R. O. T. C., 1697.
Retaliation against Entente, 49.
Return of Guard from border, 81.
Revising General Staff plan, 1024.
Revolutionizing warfare, 1077.
Selecting general officers, 1028.
Selection in Navy, 525.
Selective draft registration, 1269, 1373.
Senate confirms nominations, 129.
Sending troops abroad, 1161.
Seniors, 1749.
Shoes for the Army, 1505.
Shipbldg. bids, 653.
Signal officers' Reserve Corps, 813.
Situation in Cuba, 793.
Small vs. big battleships, 291.
Soldiers for police duty, 17.
Some delusions of pacifists, 67.
Some notes on the election, 337.
Some thoughts for Nat. Guardsmen, 1545.
Sound physical training, 163.
Speed in moving armies by rail, 67.
Speeding naval construction, 897.
Standing of West Point graduates, 1697.
State military training for boys, 781.
Status of National Guard pay, 1748.
Submarines, of capital ships, 825.
Submarine question, 272.
Submarine warfare, 324.
Suggested changes in tactical units, 1592.
Supply situation, 1476.
Swing back to Monitor, 227.
Text-books for Reserve Corps officers, 961.
Thirty-five tons of letters, 3.
Three months of war, 1505.
To call entire N. G., 1233.
To call for 530,000 volunteers, 1056.
To continue Navy building, 1161.
To establish Western Plattsburgs, 949.
To order 6,000 Lewis guns, 1093.
Transforming Guard into Regulars, 1057.
Triumph of Upton's preaching, 1160.
Troops for foreign service, 1557.
Universal training and service, 368, 501, 537, 569, 685, 781.
Voluntary press censorship, 917.
Voluntary recruiting unsatisfactory, 1305.
Wanted: A leader, 557.
Wanted, the man behind the gun, 760.
War budget of over $3,000,000,000, 1025.
War Dept. not pessimistic, 1593.
War Department ready, 1093.
War insurance for the Services, 1465, 1749.
War note from Germany, 728.
What universal training means, 633.
Withdrawal of our border forces, 697.
Wooden ships vs. battle cruisers, 1117.
Work before Congress, 368.
Work of National Guard lobby, 537.
Work on Canal Zone defenses, 845.

Egyptian army, reorganization, 164.
Election, National, 337, 357, 570.
Eltinge, Major, on the Jew, 294.
Embarkation Service, 1709.

ENLISTED MAN:
Allotments, 1561; Army, advantages, 4; Army, pay tables, 76.
Bachelor pleads for benedicts, 492; books, candles, etc., for, 492, 1255.
Civil employment for ex., 36; classifying recruits, 1669; clubs, 1520, 1534, 1631.
Dependent relatives, 1080, 1121; desertion warned agst. 1466, 1472; discharged, employment for, 103.
Enlisted service for commission, 327, 688; equipment cost, 1766.
Home reading course for citizen soldier, 1650.
Illiterate, patience with, 1466.
Liquor sales to forbidden, 1325.
Officers' commissions for, 327, 688, 1584.
Parent's rights subservient to Govt., 846; pay increase, 433, 537, 1325; pay (Rupert Hughes on), 647; pay period, 933, 1506.
Requests for discharge or furlough, 699; retired, to active duty; status on relief, 1581.
Savings accts. with Govt., 1546; serving officers, 164; sisterhood society for, 1328; sleeping car accommo., 272; smaller, 336; square deal for old soldier, 327.
Term and war service, 1506; see Justices and enlistment.

Enlistments for War, 1060, 1506.
Enlistments, fraudulent, 1582.
Episcopal prayer for Services, 263, 327.
Ericsson: A London opinion of, 732; memorial, 950.

EUROPEAN WAR—ENTENTE vs. CENTRAL POWERS:
(For German-American break and part of United States in the war see below, under "European War II, United States vs. Germany.")
[Note.—The opening chapters of the European war will be found in the issues of Aug. 1 to 29, 1914. See Index to Vol. LI.; also Vols. LII. and LIII.]
Air fighting in, 213, 364, 425, 1118.
Alpini, 100.
Ambulance work, 583.
Americans with Canadian and French forces, 885, 886, 932.
Appam case closed, 1431.
Arabia, S. S., 564.
Armed ship issue, 601.
Attacks by sea and air, 1429, 1507, 1547, 1620.
Austrian Ambassador's safe conduct refused, 436.
Bagdad campaign, 921.
Balkan Relief Fund, 255.
Battle of Marne, 71.
Battle on the Western Front, personal letter on, 1699.
Battles compared former wars, 260.
Belgian relief, 782, 996.
Belgium's coast, 1547, 1620.
Bopp, Franz, neutrality violation, 679.
British: Britain adopts retaliation, 1581; casualties, 679, 1687; censorship of U. S. mail, 100; channel patrol, 133; danger zone extended by G. B., 981; health of fleet, 1076; hospital ship Britannic sunk, 404, 433; naval offensive in, 1354; ordnance supplies, 196, 807; part in the war, 1364; recruiting work in Ireland, 293; ship construction, 49, 210, 1617; shortage of men, 176; volunteer problem, 1096; war expenses, 1150.
Canada's part in, 600, 701.
Casualties, figures, 100.
Chemung sunk by submarine, 432.
China enters the war, 1698.
Columbian sunk by submarine, 356, 359.
Command of the sea in, 1360.
Conference of Entente Allies on Balkans, 1593.
Cost, 297.
Cruisers, light, value in, 197.
Dardanelles campaign, 892.
Decisive actions, compared Civil War, 100.
Democracy in, 910, 920.
Doctors' casualties in war, 1545.
Entente, new hope, 928.
French—Casualties not told, 1197; methods of fighting U-boats, 1322; navy's achievements in, 560 (see Gautreau articles).
German(y)—Army aeroplanes, 261; Appam transferred to British owners, 982, 1431; attack of hospital ships, 1361; casualties, 1097; chief of general staff, change, 100; Crown Prince and Verdun, 401; destruction of British shipping, extent, 583, 861, 886, 1183; explanation of Belgian violation, 1739; Iron cross awards, 168; Karlsruhe's fate, 134; raid in British Channel, 294; retreat on Western front, 956; spies punished in U. S., 964, 982; submarine war, 560 (see under Submarine), 1110, 1697; submarine and Mexico, 324; submarine, bldg., 36, 260, 273, 324, 560; success of submarines, 1078, 1183, 1326, 1398, 1582; trench wonders, 199.
Greece and, 144, 291, 425, 1506.
Hospital ships' status, 1361, 1669.
Irwin's suggestion as to Amer. vols. in, 621; individual soldier in, 133.
Italy's part in, 1327.
Japanese troops for, 1749.
Jutland battle, 44, 82, 100 (Kipling, 297), 775.
Kelirna torpedoed, 100.
Laconia sinking, 862.
Lessons applied, 621.
Liberia declares war on Germany, 1658.
Life at the front, 1323.
Losses, 391; losses of shipping (Entente) 775.
Marina sunk by submarine, 304.
Medical (ambulance) work, 583 (see U. S. vs. Germany in European War).
Merchant marine losses, statistics, 99.

Index to Volume LIV Sept. 2, 1916 to August 25, 1917 inclusive

Moral aspects, 1628.
Munitions from U. S., 4, 422, 932.
Naval losses, summary, 1657.
Naval notes, 689, 794, 823, 862, 865, 889, 921, 953, 985, 1027, 1094, 1162, 1189, 1225, 1261, 1306, 1329.
Not the last of wars, 67.
Notes, diplomatic: Arabia case, 564; detention of mails by British, 228; Entente's reply to Germany, 597; Germany to U. S. on blockaded Great Britain, 728; Philippine steamer exam. by British, 133; Pres. Wilson and peace movement, 536, 568, 589, 750; Spain to Germany, 590; submarine status, 35, 211; see also U. S. v. Germany.
Notes of the War, 52, 68, 84, 132, 199, 292, 294, 308, 319, 327, 404, 415, 422, 425, 447, 460, 572, 583, 588, 742, 911, 943, 963, 1007, 1014, 1071, 1097, 1121, 1323, 1326, 1329, 1365, 1401, 1428, 1433, 1458, 1469, 1505, 1509, 1549, 1585, 1632, 1658, 1661, 1687, 1701, 1741.
Ordnance in, 176.
Ox-cart vs. auto, 199.
Peace outlook, 164, 195, 340, 500, 622.
Progress of the War, 9, 51, 83, 115, 137, 178, 201, 241, 265, 306, 329, 361, 372, 393, 425, 457, 493, 529, 561, 593, 625, 657, 689, 721, 753, 785, 817, 853, 889, 921, 953, 985, 1027, 1049, 1094, 1121, 1162, 1189, 1225, 1261, 1306, 1329, 1365, 1401, 1433, 1469, 1509, 1549, 1585, 1621, 1661, 1701, 1741.
Release the fleets, 1429, 1547.
Rumania enters, 16.
Russian battleship Imperator sunk, 404.
Russian Red Cross, 779.
Siam enters the war, 1632.
Socialists and, 621.
Somme battle, cost in casualties, 300.
Steel helmets in, 100.
Strategy and tactics, 948, 1074.
Submarine activities, 340, 356, 422.
Submarine and German blockade, 825.
Submarine blockade running, cost, 99.
Submarine sinkings decrease, 1256, 1261.
Submarine U-53 operations off Nantucket, 195, 208, 209, 211, 228, 231, 243, 272, 273, 294, 324, 601, 654, 685.
Submarine's effectiveness and Gt. Britain, 861.
Submarines, ineffectiveness, 99.
Submarines' toll of ships, 164.
Swiss reservists from U. S., 685.
Swope, H. B., in N. Y. World, 325.
Treatment of prisoners, agreement, 1657.
Trenches and billets in France, 1389.
U-53, etc., see Submarines.
United States exports before and after, 73.
U. S. contributions to war relief societies, 932.
War debts of Europe, 1109.
War films, 73.
War munitions from U. S., 68.
Wilson, President and Peace, see Notes, diplomatic, and messages under U. S. vs. Germany.
Women as Army cooks, 885.
Zeppelins destroyed, 425.
Zeppelins in, 166.

EUROPEAN WAR II.—UNITED STATES VS. GERMANY:
Aliens near Govt. plants, 1097.
Aliens out of U. S. service, 764.
American Camouflage, 1151.
Armed neutrality question, 860.
Arming U. S. merchantmen, 860, 864, 929, 949, 981, 1398.
Arrest of all German plotters ordered, 1078.
Artillery Reserve officers to France, 1754.
Attitude of Govt. toward merchant shipping, 761.
Attitude of Middle West, 1057.
Austria-Hungary severs diplomatic relations, 1046.
Belgian mission to U. S., 1398, 1738, 1744.
Brest, France, as U. S. naval base, 1024.
British and Fr. celebrate entrance of U. S. into war, 1117.
Cable censorship, Navy, 1582.
Campana's navy gunners prisoners on submarine, 1713.
Citizen's attitude toward aliens, 860.
Civil preparedness, 1043.
Coast Guard transf. to Navy, 1060.
Commissions to former citizens, 1697.
Condition of seized German ships, 1187, 1617.
Crowder, Provost Marshal General, 1160.
Cuba declares war agst. Germany, 1046.
Cuba's friendly offer, 1741.
Damaging of German ships, 932, 943, 1677.
Diplomatic relations broken, 756.
Duc d'Orleans offers services to U. S., 1095, 1120.
Efforts to modernize Prussian-American treaties fail, 981.
Embargo proclamation, U. S., 1545.
Engineers to France and their duties there, 1185, 1273, 1297, 1665, 1697.
Financial assistance to allies, 960.
Food administration, U. S., 1269.
Forestry regt. from U. S., 1256.
French appreciation, 1052.
French officers to U. S. cantonments, 1697.
German-Austrian ships in U. S. ports, list, 860.
German and Austrian ships and piers seized, 1058, 1097, 1117, 1165, 1273, 1308, 1309, 1325, 1377, 1470, 1561, 1617.
German gunboat Cormoran blown up by own crew, 901, 1046, 1377, 1399, 1535.
German-Mexican plot, 861, 896.
German plotters von Rintelen et al., convicted, 1256.
Ger. subm. sunk by U. S. Navy gunners, 1339, 1469.
Guard called to protect utilities, 994.
Healdton torpedoed, 985.
If our Navy goes to war, 761.
Interned German sailors, 963, 994, 997, 1430.
Interned ships at Phila., etc., 921, 933, 997.
Interning aliens, 1183.
Italian commission to U. S., 1221, 1261, 1305, 1430.
Japanese mission to U. S., 1376, 1698.
Joffre on U. S. forces to Europe, 1151.
Joffre to collaborate with U. S. Gen. Staff, 1326.
Joint British-French war commission to U. S., 1094, 1097, 1130, 1151, 1156, 1165, 1220, 1221, 1237, 1259, 1273, 1294.
Loyal Legion resolutions, 764.
Mail address for U. S. forces abroad, 1340, 1440, 1467.
Mail service to Germany suspended, 1046.
Medical (ambulance) units (U. S.) abroad, 1271, 1294, 1326, 1329, 1399, 1433, 1652.
Military observers return, 1593.
Minister to Belgium leaves, 1027.
Mission to Russia from U. S., see Russia.
Mongolia; first U. S. Navy shot in war, 1130.
Morenl, S. S., sunk by Ger. submarine, 1400.
Motano, U. S. seamen lost on, 1660.
Munitions board, 1058.
Munitions food and labor preparedness, 1058.
National Publicity Board, 1079.
Naval censorship, 761, 1079, 1336.
Naval conference at Washington, 1057.
Naval defensive areas, 1052.
Naval notes, 1049.
Navy controls wireless, 1046, 1079.
Navy mobilization, 929.
Notes of strained situation, 756, 764, 794, 823, 843, 846, 921, 943, 949, 1114.
Official date opening war U. S. and Germany, 1582.
Oil tank steamer Vacuum sunk by submarine, 1162.
Our naval aviators in France, 1374.
Peasloners (U. S.) in Germany, 1014.
Pensions for "War of 1917," 1256.
PERSHING EXPEDITION:
Arrival troops in France, 1440, 1442, 1478.
Baggage allowances, 1477, 1588.
Banking facilities abroad, 1548, 1656.
Deportment of our troops in France, 1520.
Gleaves report on subm. attack of transports, 1594, 1630.
Mail for, 1558, 1582, 1588, 1630, 1712.
Notes, 1272, 1520, 1558, 1595, 1630, 1670, 1712, 1738, 1751.
Palmer in charge press relations, 1466.
Paying the U. S. troops, 1545.
Pershing arrives England, 1340.
Pershing in France, 1372, 1374, 1410.
Plans for Exp. Force, 1409.
Safe convoy by our fleet, 1478, 1639.
Troops in England, 1712.
Troops (including N. G.) for foreign service, 1557.
What to send to our soldiers, 1535.
Plots and plotters, 1028, 1071.
Preparations for sea defense, 1028.
Preparedness notes, 996, 1007.
President's call to arms, 1013, 1024.
President's control of exports, 1372.
President's proclamation of war, 1046.
Renaming seized German ships, 1184, 1228.
Rewards for sinking Ger. submarine not approved, 1078.
Rifle supply, 1744.
Rockefeller Foundation's work, 1184.
Rockingham torpedoed, 1189, 1286.
Roosevelt's division, 1094.
Russian mission to U. S., 1520.
Savings deposits safe, 813.
Sending U. S. troops abroad, 1161.
Sims reports on submarine problem, 1093.
Sinking of Amer. steamers Aztec and Missourian, 1027, 1162, 1220.
Shotguns for first-line trenches, 1740.
South and Central American and Panaman attitude, 1080, 1085, 1115, 1117, 1118, 1150, 1256, 1391, 1398.
Steel manufacturers, etc., reduce prices, 1047.
Submarine attack on U. S. S. Smith, 1095.
Submarines sink Amer. merchantmen, 962.
Supplies (U. S.) ready, 1093.
Three months of U. S. in war, 1505.
Transportation board, 1257.
Transportation requirements, 1740.
Troops for Russia and Italy, 1669.
Turkey severs diplo. relations, 1117.
Turning factories into munition plants, 1057.
U. S. Ambassador Gerard sails for home, 865.
U. S. fleet in foreign waters, 1236, 1325, 1375, 1399, 1411, 1433.
U. S. mission to Russia, 1129, 1192, 1236, 1337, 1361, 1376, 1401, 1478, 1506, 1520, 1607, 1671.
U. S. ships interned in China, 1411.
U. S. S. Scorpion interned in Turkey, 1077, 1228.
Wanted, man behind the gun, 760.
War board on organization, 1025.
War budget and loans to Allies, 1025, 1184.
War budget, U. S., 1025.
War declared, 1024, 1025, 1026.
War plans, Council of Nat. Defense, 1028.
Wooden ships; see Merchant Marine.

F

Farmer, Capt., on matter with Army, 490, 592.
Federal Shipping Board, 733.
FIELD ARTILLERY: 9th, motor-drawn, 113, 526, 1325; importance, 272; officers, numbers, 718; rearming, 813, 845, 1376; reorganization, 1376; vacancies, 632, 733.
Field Clerk, Army, service, 920, 1120, 1150.
Field Clerks, Q. M. C., 614.
Field Service Regs., changes 6, 1369.
Fireless cooker, Army, 80.
First Provisional Army Corps, organization, 1192.
Fiske, Bradley A.: Addresses Navy League, 995; naval power and national efficiency, 1596; our Navy needs strategy, 884; radio control vs. torpedoplane, 1700; sea and torpedoplane, 780, 948, 1142, 1258, 1326, 1431, 1521, 1700; sea blockades, 763; speech restriction, 950.
Flag: Disrespect punished (Lutsich), 622, 700, 782; how to display, 1047, 1084, 1124; merchant vessels in war-time, 36; recruiting for Post Offices, 36; respect for (order), 1089; service, 1574.
Flank attack, defense agst., 934.
Flood relief work of Army Engineers, 569.
Fog, prevention, 169.
Food, economy, 387.
Football: Army-Navy, 228, 240, 292, 297, 338, 369, 403, 422-424, 435, 496;—1917 schedule, 622;—cancelled, 1512; Atlantic Fleet, 244, 352; Naval Acad., 22.
Foote, Col., and the new Army, 1547.
Ford, Henry: Libel suits, 68; Neutral Conf. for Mediation discontinued, 782; on Emerson, 259.
Foreign service roster, 537.
Forest regiment (10th Res. Engrs.), 1427.
Fortifications, Cape Henry, 260; see Congress.
French: Cabinet changes, 485; changes in command, 774; Navy, war achievements, 560; railways, rebuilt by U. S. engineers, 1293.
Funston, Gen.; Justice to, 1548; on revivals, 503, 654; on the "hike," 519.

G

Galveston hurricane claims (see Congress), 1180, 1252.
Garrison, L. M.: Military preparedness, 558.
Gautreau, J. B., articles: Dewey and offensive in warfare, 1147; French view of U. S. Navy, 602; military notes, 810; New French command, 1735; Strategy of the war, 1074, 1076; test of democracy in war, 910; war achievements of French Navy, 560.
General Board, Navy, 697.

GENERAL COURTS-MARTIAL, ARMY:
Armstrong, W. H., 51, 660.
Badham (N. G.), 1751; Barnett (N. G.), 1050; Baschal, J. E. (N. G.), 727; Blanton, B. T. (Nat. Gd.), 533; Boring (N. G.), 1369; Brookens (N. G.), 864; Brown (N. G.), 1050.
Cameron, D. T. (Mil. Ac.), 1405; Chase, A. W., 306; Clinton (N. G.), 1163, 1229; Crooks, C. M., 1755.
Dunning, A. U. (Nat. Gd.), 497, 661, 695.
Embry, J. A. (Nat. G.), 532.
Gallup, F. H., 51, 243, 660; Gardner (Nat. Gd.), 497; Glasby, J. M. (Nat. Gd.), 695; Graham, H., 51, 660; Guinn, C. R. (N. G.), 991.
Heidt, E. V., 695; Herwig, L. J. H., 497; Hibler (N. G.), 785.
Jepson, W. F. C., 660; Jones, W. C., 1665; Jordan (N. G.), 817; Jouett, W. H., 1132.
Lenehan, J. A., 539; Lomax, F. H., 397.
McKeon (N. G.), 817; Marion (Nat. Gd.), 497; Michaelis, O. E., 1332.
Ohl (N. G.), 1369.
Partridge, L. R., 1405.
Rafferty, O., 243, 539; Reeve, E. M., 635; Reginald, R. W., 727; Rigdon (N. G.), 895; Roach (N. G.), 817, 1332; Roberts (N. G.), 1369; Robinson (N. G.), 785.
Sams (N. G.), 785; Shadoan, J. H. (N. G.), 727; Shelton (N. G.), 817; Smith, L. (N. G.), 959; Soleliac, L., 635; Spencer, F. A. (N. G.), 661, 695, 724, 727, 785; Stinnett (N. G.), 784.
Taintor, H. H., 403, 564; Taussig, J. O'K., 635.
Vanhook (N. G.), 864; Von dem Bussche, 12.
Ward, F. (N. G.), 727, 1751; Waring, J. B. H., 307; Wells (N. G.), 1369; Wright, W. T. (N. G.), 661, 695, 724, 727, 785.
GENERAL COURTS-MARTIAL, MARINE CORPS: Case, P. T., 365, 540; Owen, D. H., 1561.
GENERAL COURTS-MARTIAL, NAVY:
Anderson, H. M., 84, 1133.
Babson, C. B., 1673; Bahrendt, C. L., 1237; Barnes, G. C., 212, 276; Bass, J. A., 933; Bates, J. F., 1237; Beach, E. L., 371, 572, 1201; Belknap, R. B., 370, 540; Berrien, T. G., 1133; Byrne, C. B., 1673.
Chase, C. P., 1237; Crop, W. H., 540; Creelman, W. J., 933.
Decker, W. B., 148, 1133; Dortch, I. F., 637; Downes, O. L., 1377.
Foley, F. D., 540; Fortescue, T. A., 1753.
Griffin, L. T., 1597.
Hoen, W. S., 1237; Holt, J. H., 933; Hunt, R. T., 1237.
Jackson, J. P., 540; Jones, H., 1133.
Kempff, C. S., 933.
Lange, E. C., 829, 963, 1201; Lowther, W. R., 1133; Lynch, C. P., 933, 1133.
McArthur, A., 370, 540; McGill, C. McC., 1377; McQuarrie, D. S., 932, 933; McSheehy, E. L., 148, 1133; Mann, R. R., 52; Merrick, A. A., 540, 932, 933, 1201; Morin, W. H., 540; Morrison, J. R., 1133; Murray, C., 1237.
Nicholas, W. S., 540; Nigg, F. C., 1133.
Payne, S. S., 1237; Price, H. B., 244.
Ridgely, C., 244; Ryan, D. L., 933.
Shea, F. L., 1597; Stiles, W. C. I., 1377; Sweeney, J. C., 1237.
Terhune, J. A., 1237; Thompson, J. K., 21; Tipton, T. M., 829, 963, 1201.

General Officers: Age of, 1668, 1704; for the new forces, 1557, 1628, 1704; National Army, 1557, 1628, 1704, 1705, 1710; New, 146, 1361, 1518; new major-generals, sketches of, 1738.
General Orders, Navy:
Nos. 224 to 277, page 181; 228 to 230—309; 233 to 235—309; 236 to 240—472; 241 to 249—701; 251 to 256—701; 257, 258—865; 260 to 271—997; 273—1101; 274—1061; 275, 276—1101; 277—1061; 277 to 285—1237; 286, 287—1481; 288, 291—1237; 292 to 301—1481; 302—1753; 303—1521; 304 to 316—1753.
General Orders, War Dept.:
34, series 1916, page 13; 36—77; 38—45; 40—109; 41—77; 42—46; 43—77; 44—141; 45—172; 46—141; 47—109; 48, 49—172; 50, 51—205; 52—237; 54—301; 55 to 57—301; 58—397; 59—365; 60—397; 61—461; 62—397; 63—509; 64—497; 65—532; 66—497; 67, 68—533; 69—597; 70—674; 71—693; 72—661. No. 1, series 1917, page 629; 2—661; 3—757; 4, 6, 7—725; 8—757, 789; 9—757; 10—789; 11, 12—757; 13, 15 to 17, 789; 19—857; 20—893; 21—857; 22 to 25—893; 26—925; 27, 28—893; 29 to 32—925; 33—957; 34—1053; 35—1021; 36—1053; 37—1089; 38—1083; 39—1193; 40—1089; 41—1123; 42—1157, 44, 45—1193; 46—1157; 48 to 50—1193; 51—1229; 52—1229; 53—1193; 54—1229; 55—1369; 57—1265; 59—1369; 60—1332; 61—1332; 62—1369; 63—1265; 64, 65—1332; 66—1369; 67—1301; 68 to 72—1405; 73—1437; 74—1589; 75—1552; 76—1624; 77—1589; 78—1552; 79—1665; 80—1683; 81—1589; 82 to 84—1665; 85—1589; 86—1624; 87—1684; 88—1665; 89—1624; 90—1552; 91—1665; 92—1624; 93, 94—1625; 95—1705; 96—1665, 1711; 97 to 99, 1705; 101, 102, 1705.
General Staff: Bedevilling, 1255; Cornville addresses the, 1048; eligible list plan, 209; embarkation service, 1769; enlarging, 1305; increase urged, 601, 1273; officers from foreign observers, 825; Palmer, Frederick, before the, 982; plan for univ. training, 793, 828; prosecution of the war, 1268; reorganize (Hagood), 719, 796; Scott reappointed Chief, 897; status under Defense Act, 337, 357, 368, 396; vacancies, 631; [illegible]
Gerard, Ambassador; return from Germany, 950; tribute to Kuhn, 1734.
German(y): Army promotion, 807; earlier wars, 1700; efficiency, military and commercial, 421; German-American war, see European War—U. S. vs. G.; if our Navy goes to war, 760; infantry system, 1149; Kronprinzessin Cecilie case, 1189, 1458; machine-gun instruction, 37; Navy, composition, 551; notes of first week of break, 756, 764; political changes, 1556; Prussia's absolute monarchy, 1740; shipping losses, 1293; submarine building, 36, 270, 273, 324, 560; submarine war, 560; U. S. breaks with, 756; U. S. Mil. Attaché, Col. Kuhn, withdrawn, 369, 597.
Getting things done, 1293, 1325.
Gettysburg: N. Y. Monuments Commission, 100.
Goethals: Eight-hour law, 177; military needs, 964; positions offered, 927, 996; State N. J. & N. Y. harbor work, 1256; to France, 1593; Merchant Marine, see U. S. Shipping Board.
Goodrich, C. F.: On Some Notable Wrecks of Uncle Sam's Men of War, 167; simplification Navy Yard work, 1294.
Grayson, see Promotion, Navy.
Group firing of ships, 82.
Guns and ammunition, see Ordnance.

H

Haiti: Coast guard fleet, 686; engineer advisor, Gayler, 604; Marines in Constab., 48, 276.
Hamilton, Fort, and N. Y. police, 932.
Harlee on Army training, 624, 828.
Hawaii: A name for cruiser, 422; athletics in 718; for war, 1078.
Hector, U. S. S., raising, 148.
Heroes, invariably of kindly aspect, 260.
Highways: Good roads and Army transport, 963, 1258.
Holland: North Sea its best ally, 326.
Hoover, Food Controller: Appointment and plans, 1698; confidence in outcome of war, 1658.
Horse: Amer. horses in the war, 1611; Amer. Red Star Animal Relief, 1088; Cavalry remount depart. (T. F. Ryan), 664; Cavalry type, 1187, 1584; claims for horses lost in service, 624; disposition of private mounts, 1739; Hawaii race meet, 179; losses in service, 179; prizes for breeders, 949; purchases for Army, 1294, 1408; remount breeding plan, 1223; sales in E. St. Louis since E. war began, 228; show at McAllen, 231; show at New York, 371; show in Canal Zone, 1070; still useful in war, 1259.
Hospital Corps, Army, see Med. Dept., sergeants.
Hospital Corps, Navy, 272, 1436.
Hydrographic Office: Bowditch's Navigator, 656.

I

Icebox, field, 1374.
Immediate superior in command, defined, 244.
Impostors: Fake officers, 1588; King Terrell, 693.
Indians: Seminoles of Florida, 1326.
Infantry: 8th, hiking song, 1396; 24th, outbreak at Houston, 1744; 29th, history, 133; 47th, at Syracuse, 1695; injustice to Porto Rico Inf., 1083; inspectors of Inf., 1083; Journal, editor, 164; plea for, 657; promotion block, 845; rapid transportation, 396, 763; supply companies, 718; training, 1152; transfers to, 1269, 1368; vacancies, 885.
Infantry Drill Regulations: Changes 16—333; 17—813; 18—814; 19—1332; criticised, 71; extending from close column, 1621; interpretations, 89, 409, 577, 905, 1717; Par. 150, defined, 1362; signal whistles, 168; unwritten law of, 991.
Inland waterways, 99, see Canals.
Insignia: Aircraft, 1271; Army, see Uniform.
Inspector-General, new, 824.
Insurance in war, for services, 1110, 1150, 1214, 1363, 1373, 1397, 1465, 1506, 1518, 1582, 1699, 1737, 1749.
International conscience, none, 797.
Interpreters, 1583, 1709.
Intrenching tools, distribution, 1671, 1751.
Inventions: Energy unlimited, 1584; Naval, 1610.
Irish rebellion, 982.
Italian aviation, 1617.
I. W. W., 1521, 1744.

J

Jamestown naval base, 1428.
Japan(ese): Arms her merchantmen, 590; Chinese-Japanese relations, 792; immigration question, 501; lesson from J. as to army system, 746; mission to U. S., 1376, 1698; opinion of Amer. naval expansion, 525; part in European War, 387; Russo-Japanese convention, 41; shipbldg., 775, 1118; South Sea Islands, tenure, 336; warship construction plans and facilities, 807, 865.
Jeffersonville depot manufactures for Army, 1671.
Jew, Major Eltinge on, 294.
John Brown's Body, origin of song, 134.
Johnston, Col., resignation from Nat. Gd. regt., 460, 465, 724, 959.
Judge Advocate General, Army: Opinions, 48, 99, 114, 396, 434, 537, 564, 597, 628, 669, 689, 732, 814, 845, 849, 856, 889, 931, 956, 1058, 1081, 1096, 1148, 1180, 1219, 1250, 1305, 1306, 1327, 1398, 1467, 1520, 1594.
Judge Advocate Gen., Navy, 436, 469, 536, 600; opinions, 80, 105, 305, 453, 469.
Justices and Army and Navy enlistment, 102, 227, 260, 590, 604, 685, 815, 846, 1077, 1222, 1545.
Jupiter, U. S. S., described, 1359.

K

Kit, improve, 1184.
Knife in trench warfare, 1146.
Kuhn, Col. J. E.: Return from Berlin, 432; tribute to by Gerard, 1734.

L

Labor: Amer. Federation favors comp. training, 952; opposes militarism, 397; anti-militarist conference, 36; foreign, revolutionary trend, 228; I. W. W. in west, 1521, 1744; pledges support of Govt., 917; R. R. strike averted, 950.
Lafayette anniversary, 42.
Lake Mohonk Conference, 263.
Launchings: Idaho, 1444, 1480; L-6, 20; L-8, 1165; L-17, 147; Mississippi, 667, 699; N-2, 700; N-4, 437; N-7, 1273; New Mexico, 1115; Shaw, 539; Stockton, 1561; torpedo testing barge, 1444.

LETTERS TO THE EDITOR:
Absorbing military information, 752.
Administration of military law, 1152.
Admiral White's gallant act, 691, 752.
Age limit, Q. M. Sergt., Sr. grade, 752.
Alternative for universal service, 780.
Appeal for Fort Bliss base hospital, 592.
Army and Guard sick reports, 759.
Army contributions to Red Cross, 1548.
Army field clerks, 1120.
Army leggin, 1364.
Army non-com. staff, 852.
Army paper work, 1547.
Army promotion, 851, 960.
Army uniform and insignia, 300.
Artillery Engineer Unit, 1468.
As the teniente sees it, 392.
As to Army bands, 1083.
As to the General Staff, 796.
Assignment of U. S. M. A. grads., 1188.
Authors' Club of London, 1595.
Bachelor pleads for benedicts, 492.
Banking facilities abroad, 1548.
Benét-Mercier machine gun, 491.
Bible and war, 920.
Books for our soldiers, 492.
Border widows, 624.
Business methods in recruiting, 392.
Cadet register, 1917, U. S. M. A., 1700.
Camp newspapers, 1740.
Captain Farmer's letter commended, 592.
Car labels to aid entrainment, 984.
Changes in Army uniform proposed, 295.
Christmas cheer for the unfortunate, 461.
Coast Art. non-com. staff, 295.
Coast of Belgium, 1620.
Cobblers for the Army, 816.
Collar device, 1364.
College or training camp, 491.
Colonel Johnston and the 12th, 460.
Colonial regts. opposed, 592.
Comfort for the lost sheep, 492.
Common sense in field training, 1700.
Conserving commissioned personnel, 952.
Constructive service Med. officers, 816.
Criticism of Ord. Dept., 39.
Cornville advises Gen. Staff, 1048.
Cotton for uniform, 1467.
Court-martial of spies, 1620.
Credit for cadet service, 751, 934, 1260, 1400.
Credit for constructive service, 1188.
Criticism of Navy uniform, 1740.
Crying need of our Army, 952.
Death of Major Clayton, 592.
Defense agst. flank attack, 934.
Defense plan (in 1790), 1621.
Demand for Regular officers, 1188.
Discrimination agst. West Point, 751.
Displaying the National Colors, 1124.
Disposition of private horses, 1739.
Disregard of salutes, 1468.
Dr. Eager's Relief wk. in Italy, 71.
Eighth Art. hiking song, 1396.
Elder soldier to his junior, 816.
Equality of advancement in Army, 103.
Exams. as tests of efficiency, 39.
Examinations for Hosp. sergts., 492.
Experienced med. officers, 1468.
Explanation from Dr. Mellsh, 327.
Extending from close column, 1621.
Failure of voluntary service, 688.
Fair play in prohibition, 1548.
Few pointed queries, 71.
Fewer colors for dress uniform, 888.
Field tests of machine guns, 547.
Fife and drum corps, 103.
Figure of merit for officers, 751.
Financial facilities abroad, 1656.
Flying pay of student aviators, 1468.
For a more distinctive uniform, 888.
For the probationers and others, 295.
General non-com. staff, 1188.
German strategy, 547.
Germany's earlier wars, 1700.
Girls who marry into the Army, 71, 135.
Great Britain's part in the War, 1364.
Guarding truck trains, 816.
Gymnasium for Schofield Barracks, 39.
Honor grads. in after life, 720.
Honor men are best men, 1082.
Honors for Gunner Morgan, 852.
Horse show at McAllen, 231.
How the Guard should be officered, 720.
How to circumvent submarines, 888.

3

Letters to Editor—continued.
How to instruct our legislators, 920.
In defense of Ord. Dept., 231.
In justice to Gen. Funston, 1548.
Inadvertence or intent, 920.
Industrial preparedness, 327.
Infantry Drill (1911), 71.
Infantry training, 1152.
Injustice to Porto Ricans, 1083.
Insignia for Army bands, 852.
Insignia of new regimts., 1468.
Inspectors of Infantry, 1083.
Justice for retired officers, 591.
Kansas passes Missouri's record, 1120, 1224.
Knights of Columbus on Mex. border, 1187.
Laws of the British Navy, 943.
Leather vs. canvas leggins, 1048.
Length of training period, 1048.
Liberty loan for soldiers, 1328.
Lost grave, 1083.
Luce (Stephen B.), 1662.
Machine rifle board, 591.
Maintaining communication, 1548.
Medical Dept. sergeants, 392.
Medical non-coms. as reserve officers, 1016.
Medical Reserve Corps, 1187, 1260.
Men for the Navy's ships, 135.
Mexicans still claim Texas, 864.
Military instructor for U. of Cincinnati, 1468.
Military parades, 952.
Military service in time of peace, 751.
Model for Nat. Guard, 656.
Modern devices in Civil War, 294.
Monarchy vs. democracy, 920.
Monument to Commo. Barry, 231.
More notable broom-handle work, 1084.
Mote and beam (royalty and military), 200.
Motto in West Point Chapel, 492.
Names for battle cruisers, 295.
National Guard needs, 838.
Navy Med. Res. officers, 1621.
Navy Mutual Aid, 995.
Navy promotion by selection, 796.
Navy Service blouse, 1260, 1364, 1468.
Navy special full dress, 1224.
Navy staff selection, 780.
Nicoll Ludlow scholarships, 635.
Non-coms. as students, 780.
Objections to Army shoe, 167.
Objects to favoring West Point, 816.
Observations on military training, 1700.
Officers of N. G. with efficiency records, 1187.
Officers of the Reserve Corps, 1084.
Officers—probationary and reserve, 591.
Old soldiers wish to do their bit, 1224.
On behalf of contract surgeons, 1187.
On behalf of Navy staff, 656.
On behalf of the scholastic "goats," 983.
Opinions of Gen. Upton, 1096.
Opposes plan to regulate promotion, 591.
Ord. Dept. commissions, 1621.
Ordnance sergeants, 392.
O'Ryan (Gen.) explains, 1016.
Our needs for preparedness, 852.
Pacifist answered, 952.
Pay and allowances, retired officers, 984.
Pay of privates, Med. Dept., 492.
Pershing in '85 and '86, 1374.
Philippine Scout Corps, 1660.
Physical training in Army, 952.
Plea for contract surgeons, 752.
Plea for Infantry, 657.
Plea for N. C. O., Med. Dept., 1468.
Plea for non-com. staff, 952.
Plea for reopening Service Schools, 984.
Plea for uniformity, 752.
Plea from the reservists, 752.
Position of the flag, 1084.
Problem in cryptography, 231.
Promotion by selection, 1082.
Promotion by seniority, 1153.
Promotion for non-coms., 492.
Proposed military policy, 592.
Prussia's absolute monarchy, 1740.
Punishment of spies, 1740.
Quarters and border service, 592.
Quarters for Artillery sergts., 492.
Question for navigators, 656.
Question for Surgeon General, 294.
Question of uniform, 200.
Radio control vs. torpedoplane, 1700.
Recruiting in California, 231.
Recruiting problem, 491.
Red Cross class at Schofield, 167.
Red Cross mil. titles, 1631.
Regulars with Guard and Volunteers, 1016.
Relative ability West Point men, 900.
Repeal the Manchu law, 491.
Reply to Capt. Hughes, 838.
Reserve and Volunteer commissions, 1152.
Reserve Corps officers, 1083.
Reserves as constr. engrs., 1620.
Reserve officers to fill vacancies, 1188.
Reservist and Regular, 1740.
Retirement insurance, 103.
Return of chapel fund subscriptions, 1660.
Sanitary Corps commissions, 1660.
Saving waste paper, 1468.
Scheme for Army expansion, 816.
Separating rank from grade, 656.
Sergeants, first class, 492.
Sergeants on college duty, 1327.
Service coat again, 1120, 1327, 1467.
Service in Mexico, 656.
Service of an Army field clerk, 920.
Service uniform, 39, 135.
Service with the Red Cross, 852.
Service women unite in Red Cross, 1400.
Shotguns for first-line trenches, 1740.
Sick man's ration, 135.
Signal whistles, 168.
Sisterhood society for soldiers, 1328.
Some sea fancies, 752.
Source of supply for officers, 492.
Square deal for old soldier, 327, 392.
State troops, 592.
Submarine menace, 1621.
Tactical principles and practice, 851.
Tampico incident, 920.
Teach the new Army to shoot, 1327.
Texas Girls' Honor Guard Camp, 592.
Those yearlings at West Point, 1271.
To marry or not to marry, 71, 135.
To solve submarine problem, 1224.
Tobacco prohibition, 934.
Training a mobile army, 852.
Training for Med. non-coms., 1660.
Training, intensive and intelligent, 752.
Training newly commissioned officers, 167.
Tribute to Gen. Crowder, 1739.
Two scholarships for the Services, 1740.
Type of horse for Cavalry, 1187.
Uniform coat, 1620.
Uniform for mounted officers, 39.
Uniform training, 656.
Universal service—an obligation, 888.
Useless Army posts, 1224.
Vacancies Disciplinary Barracks duty, 391.
Veterans for commissions, 1083.
Viewpoint of civilian appointees, 784.
Virtues of Diesel engines, 540.
Warrant rank for bandmasters, 1188.
Waste of steam, 1620.
What is the matter with our Army, 490.
What West Point should teach, 1620.
White Navy uniform, 1548.
Woes of a pigskin wearer, 888.
Wolf in '86, 1468.
Young conscripts best soldiers, 1364.

Liberty loan (U. S.), 1184, 1328, 1430.
Life and death Navy messages, 1619.
Lighthouse service in war, 845.
Liquor prohibition during war, 1325, 1360.
Liquor and the Selective Draft law, 1360.
Ludlow scholarships, 635, 657, 698.

M

McLean, R., J. A. G., Navy, 241.
Maine Anniversary, 816.
Maintaining communication, 1548.
Manuals: A. & N. J. editions, 1092; Army Bakers, 924; Army Cooks, 982; Army officers' productions, 1581; Coast Art. changes No. 5, 1021; Courts-martial, 571; Field Service, 724, 1369; Handbook for Hosp. Corps, 669; intensive training, 1061, 1264; Non-Coms. and Privates of Infantry, 1430; Pack Transportation, 1081; Quartermasters, 1132; Signal Book, 824; Signal Corps drill, 1325, 1749; Signal Corps Manual, Changes 14, 857; Small Arms Firing, Changes 14, 693; 15, 857; 16, 989; 17, 1157; 18, 1369; Springfield .45 caliber, 1197; see I. D. R.
Maps: Divisional, by Gen. Staff, 1268.

MARINE CORPS: Additional officers, 1739; band, 357; brigadiers, 42, 48, 180, 212, 240, 305, 339; civilian exams. for commission, 20, 80, 179, 304, 604, 733, 764, 814, 1028, 1341, 1411; commendations, 211; for Haitian constab., 20; full, 1727; honors for service, 1307; landing force and small arms instructions, 292; new lieutenants, 179, 604, 733, 764, 814, 1028, 1341, 1377, 1572, 1596, 1619; non-coms. for commissions, 1341, 1561; notes, 100, 132, 340, 369, 541, 558, 591, 604, 729, 743, 793, 797, 829, 846, 861, 865, 901, 964, 1007, 1028, 1061, 1114, 1184, 1200, 1246, 1341, 1411, 1444, 1521, 1535, 1561; officers and non-coms. for commissions, 12, 48, 697; personnel increase, 981; praise for, 603; probationary officers' equipments, 928; recruiting benefit affair, 1190; Reserve, 1038; Santo Domingo duty, 242; strength, 1309, 1669; temporary second lieuts., 1596, 1672, 1673; test of endurance, 240; warrant officers for, 20, 112, 668, 1029.
Marine Corps Orders: No. 25, issue 1916, page 53; 26 and 27—21; 29 and 30—181; 31—245; 32 and 33—309; 34 to 38—373; 39—437; 40 and 41—505; 42 and 43—573; 45 and 46—637.
Orders 1 and 2, 1917—669; 3 and 4—797; 5—865; 6—901; 7—1169; 8 and 9—933; 10 to 12 1029; 14 to 19—1170; 21 to 24—1309; 26—1413; 27 and 28—1481; 31—1521; 32—1597; 33 to 35—1633; 36 and 37—1673.

Marlin Arms Co., history, 700.
Marriage in Army, 135.
Married men and military obligations, 1097.
Maxim, Hiram T., 426.
Mayo on Tampico affair, 196.
Medal of Honor investigation, 208, 829, 862, 927.
Medal of Honor, awarded, 915, 1307.
Medal of Honor: Roll, 132, 622.
Medals, U. S. war, monograph, 622.

MEDICAL: Achievements of Army surgeons, 1181; ambulance, new type, 292; anti-typhoid serum, 622; casualties in war, 1545; chiropodist corps, 718; deafness of soldiers, 1535; defectives, use of in Army, 195; doctors and preparedness, 1096; doctors and the war, 1359; doctors eligible for conscription, 1507, 1545; don'ts for health preservation, 775; drug habit cure, 1534; drugs, standard in Army, 339; Gorgas on S. Amer. expedition, 132; health of our troops, 3, 133, 453; heroin habit, cure, 590; Homœopathists pledge support, 1294; hospital plans for Army, 1658; lecture course in med. schools, 718; losses of doctors in war, 1545; mental disease investigation, Mex. border, 982; officers by draft, 1507, 1545; officers needed in war, 918, 1398, 1557, 1595; paratyphoid, 166; salt vs. night sweats, 63; shell shock, 100; social sterilizing wounds, 319; stretcher, collapsible, 176; surgery by a rat, 169; vaccine for paratyphoid, 166; war demonstration hospital, 1698; work of Army med. officers, 1389; X-ray development, 453, 654.
MEDICAL CORPS, U. S. Army: As a career, 1109; constructive service, 816; exams., 500, 861, 1061; experienced officers, 1468; needs, 1617; new sanitary divisions, 1273, 1480; officers' rank, 1465, 1595; officers required for Army, 918, 1398, 1557; prize essays, 73; promotions in, 1409, 1444; strength under Defense Act, 141; successful candidates, 115, 754, 791, 844, 1156.
MEDICAL CORPS, U. S. N., 1220; new division for, 1408, 1444; praised, 1466; successful candidates, 1518, 1582; U. S. S. Solace, conditions, 1307, 1308.
MEDICAL DEPARTMENT, Army; Army Ambulance Corps, 1368; exams. plan, 492; hospital sergeants, candidates' requirements, 1713; manual, new, 340; master hosp. sergts., 1750; military orthopedics, 1751; new grades in, exams., 294; pay of privates, 492; pharmacists, 392, 1181, 1372, 1546; plea for non-coms., 1468, 1582, 1660; sergeants, 392, 509, 933, 1279; Sanitary Corps commissions, 1660; training for non-coms., 1660; Vetns., exams., 1061; Veterinary Corps, reorganization, 1669.
MEDICAL RESERVE CORPS, Army: Candidates at A. Med. School, 299, 500; change under Defense Act, 526; commission does not authorize private practice, 179; course at camp, 1441; draft for, 1507, 1629; in case of war, 918; plea for, 1187, 1260.
MEDICAL RESERVE CORPS, Navy: Rank, 1621; successful candidates, 336, 469, 572, 933.

Memorial Day parades, 1259, 1310.
Menus, see Thanksgiving and Christmas notes.

MERCHANT MARINE: American shipping in foreign trade, 100, 227, 807, 1183, 1326; armed, 664, 793, 860, 929, 949, 1130, 1546; British bldg., to U. S. registry, 1222; co-operative insurance plan, 1184; French, greater since war, 1465; nautical school ships, 1237; neutrality laws and, 73; notes, 781; our facilities, 1129; Pacific lines, merger, 359; registry changes, 916, 949; requisition tankers for Navy, 1592; shipbldg., U. S., 145, 195, 228, 357, 404, 422, 486, 697, 813, 1294; shipbldg., world, 654; training schools for officers for m. m., 1360, 1362; U. S. Shipping Board, Capps apptd., 1594;—commandeering ships, 1236, 1673;—Goethals and Denman out, 1594; wooden and steel cargo vessels, 888, 930, 1080, 1117, 1150, 1183, 1257, 1324, 1376, 1411, 1465, 1594, 1658, 1698.

MEXICO AND BORDER AFFAIRS (see also Nat. Gd. in Fed. Service):
Ambassador to, 797; American college for, 717; American Red Cross, 100; ammunition plant in M., 860; arms embargo lifted, 1581; Army Nurse Corps, U. S., 100; as ally of U. S., 360; attitude of Administration, 108.
Bell's Chihuahua Villa report, 114, 145, 146; border blunders—Lowell answered by Tompkins, 815, 825; border factions and border troubles, 654; border health reports, 73, 436, 455, 558, 689, 750; border notes, 9, 253, 268, 297, 664; border raids, 1368; border service conditions (Darlington), 813; border service, war or peace? 526; border stations of troops, 762, 796; border troops, expenses U. S., 68; Brownsville maneuvers, 453.
Carranza elected president, 917; chaplains' work, 164; Chihuahua City, Villa and Carranza, 461; commission, joint, 12, 49, 69, 105, 137, 360, 368, 397, 400, 421, 505, 538, 621, 666.
Equipment of border troops, system, 177; expedition into, described, 229.
Foreign service, 656; Friends' Society seeks facts, 422; Funston's report urging withdrawal, 37, 164.
German submarines and Mex. naval base, 324; Germans over border, 992; gifts to enl. men of expedition, 400, 403.
Hardships of service, 164.
Investigate our border news, 37.
Leaves of officers on border, 4, 41, 63; length of tour, outlook, 273; lesson of the mobilization, 70, 230; letter-writing of border soldiers, 3.
Mexicans still claim Texas, 864; missionaries and, 356.
Notes, 137, 141, 177, 179, 241.
Peon as a peace agent, 131; Pershing's troops in Mexico, value of, 132; protocol signed, 421; punitive expedition's return, 600, 731, 761, 762.
Raid at Corner Ranch, 796; Red Cross Service, 4.
Tampico affair, Mayo and Fiske on, 196, 920; transportation in, 292.
Universal compulsory mil. instruction in schools, 292.
Villa's activities, 68, 437.
War status, 114; warship contracts, 733; withdrawal of troops, 37, 164, 697.

MILITARISM: Amer. Union agst., 665; in America, 718; military fiasco, 357.

MILITARY ACADEMY:
Assoc. of Grads., 1228; assignments grads to regts., 45, 1188, 1301; athletic schedule and reports, 44, 131, 784, 1109, 1128, 1512.
Cadet register, errors, 1700; camp illumination, 1713; candidates designated, 50, 74, 115, 147, 179, 231, 243, 274, 299, 371, 394, 426, 459, 493, 529, 567, 603, 635, 688, 742, 754, 791, 844, 863, 903, 934, 1522, 1584, 1594, 1652, 1670, 1711, 1750; change of course at, 1373, 1404; chimes for chapel, 991, 1472; class 1887 reunion, 1082, 1436.
Discriminating agst., 751, 934, 1260, 1400.
Early graduations, 177, 305, 1025, 1098, 1134, 1188, 1197; enlarged reservation suggested, 76; enlisted candidates, 205, 1709.
Favoring W. P. grads., 816; furlough class, 1480; furloughs offered relinquished, 1237, 1271, 1414.
General officers of Army from, 685; grads. reunion in N. Y., 754, 865, 919; grads, standing and addresses, 1098.
Honor grads. in after life, 720, 1082.
Joffre and Bridges visit, 1220, 1237, 1238, 1259.
Large class, 1379.
Martlaer's Rock Assoc., 169, 236; motto in West Point Chapel, 492.
New head, 1327, 1379.
Pedagogy course, 453; principles of education, change, 950; proposed anti-dictatorship pledge, 718.
Successful candidates, 1274.
What W. P. should teach, 1620.

Military Law: Administration, 1152; as political factor, 259.
Military policy, U. S., 305; outlined by Capt. Danford, 1014; proposed, 592.
Military preparedness: Advice from (U. S.) Canadian officer, 718; civil side, 962; Garrison on, 558; Jesuit weekly on, 4; Knoxville Board of Commerce tour, 1582; needs, 852; railroads and, 853; Reed, Senator, on, 797; Republican Club debate, 622.
Military service: Civilian preparations, 931; educators on universal, 899; liability to, 1081; President Wilson to the Maryland Defense League, 719; time of peace, 751; universal, see Mil. Training, Universal.
Military situation and lessons of common-sense, 1255.
Military Survey, Dept. of, 781.
Military system defective (Carter), 887.
Military titles, misuse, 1360.
MILITARY TRAINING: Argentine system, see Argentine; baseball teams, 846; basis for national, 950; broomstick brigade, 956, 1084; camps, see Camps; Chamber of Commerce (N. Y.) for, 861; clergy for universal, 571; colleges, 863, 1506; field training, common-sense in, 1700; Gibbons, Cardinal, on, 195; importance, 1013; in U. S. criticised, 1700; intensive and intelligent, 752; Manning, Dr. W. T., on, 293; Moseley's Univ. Trg. bill, 570; New York, see M. T. in schools; observations, on, 1700; peace societies agst. M. T. for boys, 273; period, length, 1048; police, 1142; public sentiment for, 360; time necessary, 688; universal, 41, 68, 69, 132, 291, 297, 356, 368, 388, 397 436, 488, 501, 525, 537, 540, 569, 570, 571, 589, 601, 624, 633, 634, 653, 667, 685, 687, 688, 718, 719, 752, 762, 780, 797, 846, 888, 917, 918, 932, 950, 963, 996, 1128, 1146; Woman's Nat. Service School, 1019.
MILITARY TRAINING IN SCHOOLS: California, 697; Canada, 1184; Chicago, 622, 717; colleges, 863; conference at Wash., D. C., 229, 274; Cornell, 357, 762, 826; Delafield, Wis., 36; Exeter, 826; Fordham Univ., 292; Harvard, 132, 177, 826, 1351, 1582, radio, 1750; Lehigh, 274; Massachusetts, 718; New York, 163, 325, 503, 621, 697, 781, 861, 886, 933; Norwich, 36, 436; Oregon Univ., 100; Penn. State, 826; Pittsburgh Univ., 132; Princeton, 780; Stanford University, 717; Trinity College, Hartford, 388; University of Penna., 357; War Dept. limits assistance to schools in war emergency, 1078; Yale, 228, 647, 1014, 1114, 1326, 1413.
Military unpreparedness, U. S., two phases, 590.
Militia Bureau: Continue, 1628; death of chief, 113, see Mills obituary; Militia, history of, 892; new chief, 144, 209, 273; relief to N. G., 860.
Mine sweepers, 1150, 1257.
Monitor, swing back to, 227.
Monuments and Memorials: Ambulance memorial to Mrs. Pershing, 1400; Barry, 231; Butterfield, 955; Farragut at Annapolis, 1362; Grant (Dent home), 171, 196, 260; Maine at Havana, 164; Mexican War, 918; Minnesota Volunteers, 102; Sheridan, P., 171, 196; Shiloh (Confederate), 325, 1097; Stolz, M. L., 10; Valley Forge gateway, 1375; Virginia monument at Gettysburg, 397.
Morgan, Gunner, honors for, 852.
Motor boat patrol squadron. See Navy.
Movements of troops: Europe, see European war, U. S. vs. Germany; from Philipp., 1661; in U. S., 1272; Mex. border, to and from, 18, 1018.
Mules, poem, 38.

N

NATIONAL ARMY: Assignments to, 1744; called, 1664; colonels assigned, 1750; disposition of draft troops, 1750; general promotions held up, 1750; law, see Congress and Draft law; mobilization, 1709, 1737; officering, 1557, 1593, 1628, 1629, 1657, 1704, 1705, 1710, 1713; see second lieuts., temporary and apptmts. from camps.

NATIONAL GUARD, AS ORGANIZED MILITIA:
Ashokan dam, accidental shooting of guard, 792.
Constabulary in place of, 297, 653; courts-martial procedure, 624.
Deficiencies in units, 1270; discipline in N. Y. N. G., 1738; draft law exemptions and, 1404; drills and pay, 503.
Equipment must be full, 208.
Field firing for, 1264; future of, 163, 454, 465, 687.
Hawaii, reduce, 1443.
Is State support legal, 229.
Jews in, 272.
Lobby in Washington, 537.
Massachusetts A. G. defends, 564, 733.
Nat. Gd. Assoc., 920, 992, 1016; N. Y. officers' apptmts. criticised, 1359; N. Y., Stotesbury resigns as A. G., 1738; Notes, weekly news of the various State organizations, 24, 56, 88, 120, 152, 184, 216, 248, 280, 312, 344, 376, 408, 440, 472, 508, 544, 576, 608, 640, 672, 704, 736, 768, 800, 832, 868, 874-5, 904, 936, 968, 1000, 1032, 1064, 1096, 1136, 1168, 1204, 1236, 1240, 1276, 1312, 1344, 1380, 1416, 1448, 1484, 1524, 1564, 1600, 1636, 1716, 1756.
Race riots and, in Illinois, 1512; Regular officers may command, 164.
State guards for home duty, 1664; strength, 567, 1397.
Value of, 592; voting, 272, 339.

NATIONAL GUARD IN FEDERAL SERVICE AND ON BORDER DUTY:
Accounting for Fed. property, 718; army comment on, 339.
Barry, Gen., on mobilization, 602; border service, physical benefits, 536; border tour, when to end, 232; border training too brief, 164.
Called to protect utilities, 994; Camp Whitman conditions, 70; commissions accepted by Regulars, hardships attending, 16; commissions in Res. Corps not allowable, 99; courts-martial on border, 74; criticism by A. & N. J., 1045.
Darlington on border tour, 749; defect in system, 102; dependents, 568, 589; discharge by favor, 590; dual oath in Alabama Cav., 656, 816; Dunning G. C. M., 497; "dusk of," 432.
Effect of Gen. Staff's Army bill, 861; Emerson and Lowell case, 233, 259, 261, 333, 422, 632, 1056; enlistment instructions, 685; enlistment under age, 292; expense mobilization N. Y., 100; extra pay, gunner qualification, 144.
Failure to respond to call, 1365; Federal jurisdiction, 5, 233, 259, 261, 333, 422, 632; Federal oath obligation, 1021; Federal recognition, 1430; Field Artillery firing, 453; Fifth Brigade expresses opinions on border service, 699; Florida contract case, 261; future of, 687.
Good word for, 729; Government departments: discharge of necessary employees from Guard, 1024.
Hawaiian N. G., 1046; health of border Guard, 719; hike of 69th N. Y., 447; how to officer, 720.
Improvements in equipping, 761; influence of the Regular upon, 339; inspections, annual, instructions, 846.
Keep in training, 48; Kentucky comment on, 750.
Laws may stand, 569; lessons of mobilization (Stockton), 70, (Coe), 230.
Medals from citizens, 368; misrepresenting N. G., 992; mobilization reports, 537, 558, 559, 568, 602, 628; Motor Truck Co. trip, 168; mustering out, 18, 41, 81, 105, 113; mustering regulations faulty, 259, 569.
Needs, 838; new plan of organization proposed, 718; New York and Tennessee at Pharr, 727.
Obligation to serve U. S. test, 5, 233, 259, 261, 297, 981;
O'Ryan and N. G., 992, 1016, 1025, 1057.
Penna. Cav., good work, 340; physical defects, 589; practice march, Deming Ft. Bayard, 654; practice march, Darlington on, 749; praised by Gen. Parker, 850, 907; praised by Gen. Sibert, 590; preparation, 929; previous military training, 486; promotion delays, 501.
Recruiting and interference, 73; recruiting expensive, 131, 212; reply to Capt. Hughes, 838; report on mobilization, 465; resignations many, 654; results of "Hay" bill, 603; return from border, 81, 105, 113, 426, 436, 464, 697, 796, 817, 826, 863, 892.
Seventh Division, 168; Seventh N. Y. from border, 426, 436; stations on border, 478, 636, 718; status and development under new law, 67, 261; system unsatisfactory, 432, 436.
Texas N. G. G. C. M. failure to muster, 297; transfer to Fed. government, 719; transfer to reserve N. G., 667; troops to and from border, 18, 137, 169, 697, 796; Twelfth N. Y. officers resign, 436.
Uniforms, 305, 434, 1016.
Vermont troops praised, 590.
Weekly summary, 8, 40, 72, 104, 136, 168, 200, 232, 274, 296, 328, 372, 392, 424, 454, 493, 529, 567, 593, 625, 669; why kept at border, 3, 436; Wulzen recruiting case, 73.

NATIONAL GUARD AFTER GERMAN BREAK:
Army officers nominated for N. Y. N. G., 1183.
Call and draft, 1506, 1516, 1521.
Dependents' care, 1078, 1080; discipline and bridge guards, 1078; draft proclamation, 1506.
Formation of Divisions of Army (N. G. troops) and assignments of commanders, 1698, 1709, 1710.
Guardsmen with dependents discharged, 1057, 1095.
Mobilization call of March 25 and later, 1026, 1052, 1080, 1233, 1236, 1441, 1477, 1506, 1516, 1521, 1558, 1594.
No new units wanted, 1047, 1192.
Officers' exams., 1336; officers to command N. G. troops, 1593; organization under Defense Act, 1192, 1255, 1270.
Parade of N. Y. troops, 1658; pay status and longevity, 1748; pay status in early 1917, 1517; Philippines, 1046.
Regimental designations, 1436, 1472, 1593, 1594; Regular officers, assignment to, 1521; Regulars with Guard and volunteers, 1016, 1593; Reserve officers' status, 1557.
Shooting by guard on sentry duty, 1077, 1088; some thoughts for Nat. Gdsmen, 1545; strength, 1668; supplies for N. G. units, 1373, 1441, 1476.
Training the N. G. (Wood on), 1507; transportation, 1053.
Universal training question, 992, 1016, 1025.

National matches, see Rifle.
National Research Council, 195.

NAVAL ACADEMY:
Additional, 68, 356.
Bancroft Hall, enlargement, 686; board of visitors, 731.
Civilian instructors' exams., 1297.
Earlier graduation, 501, 965, 966, 998, 1273, 1313, 1351, 1444; enlisted men, appt. more, 536.
Fencing championship, 1069.
Graduates' Assoc. reunion, 1050; graduating class in June, 1313, 1445, 1481; graduating class in March, 998.
Housing problem, 564, 686.
Larger classes, 1233, 1373, 1401; loving cup to Supt., 1379.
Naval Reserve course at, 1504.
Practice squadron, 19, 1329, 1752.
Successful candidates, 902, 1204, 1374.
What midshipmen read, 198.

NAVAL:
Bases, lack of, 502.
Cruise of civilians, 4, 70, 102, 223.
Institute prize essays, 753.
Items, 19, 52, 84, 116, 147, 169, 180, 181, 243, 275, 308, 339, 371, 404, 437, 467, 505, 539, 572, 604, 636, 668, 700, 732, 764, 796, 829, 864, 900, 932, 964, 996, 1029, 1060, 1097, 1129, 1133, 1165, 1200, 1237, 1256, 1273, 1308, 1340, 1377, 1411, 1443, 1480, 1521, 1561, 1596, 1631, 1672, 1713, 1752, 1766.
Laboratory postponed, 1325, 1517.
Militia: Cruises (1916), 699; Notes, 673, 736,

Naval—continued.
868, 875, 1065; strength, 668; training stations, 1698.
Preparedness measures, 961.
Problem U. S., real, 910.
Reserve: Applicants numerous, 1097; course at Naval Acad., 1504; figures, 1305; notes, 1326; Third Naval District, 850, 887; Yale summer camp, 1360.
Stations and bases, 454.
Training stas., health, etc., 1399, 1410; new, 1153.

Navies, Europe strengthens, 145.

NAVY, U. S.:
Administration of justice in, 180; all-year civilian training, 177; armor plant, 83, 105, 464, 485, 486, 536, 600, 729, 1058, 1118, 1133, 1517; asst. civil engr. exams., 992; asst. paymasters, 1029; authorized strength, 843.
Battle practice and gunnery, 486, 623; bedding allowance, 144; British opinions, 746, 748, 782; building program, 131, 227, 525, 666; Bureau of "S and A," 564.
Canned milk supply, 1184; coast patrol, 919, 930, 964; construction, new, 177.
Degree of completion, 68, 228, 371, 485, 750; docking facilities, 887.
Emergency ration, 1593; engineer officers (acting), 572; enlisted strength, 885, 965; exams. for acting ensigns, engineering duty, 19, 144, 370; exams. for promotion, new system, 147.
Facilities ashore, 1517; fighting value, 747; fleet schedules, 468; food supply, 1631; foreign estimate of U. S., 746, 1044, 1184; French view of, 601, 602, 1077; fuel supply, 390, 1413.
Gunners (radio) appointed, 636.
Home yards of fleets, 472; hospital ships, 719, 1593.
Increase of flag officers, 1304, 1433; increase of pay and ratings, 1377; increased N. personnel, how used, 1433.
Motor and coast patrol, 19, 48, 51, 134, 307, 360, 919, 930, 964.
Needs and policies, 900; new ships for, under Naval Appro. bill, 18; next five years, 604, 910.
Officer shortage, 1744; oil control essential, 390; orders, publication, 1293.
Penalty clause in bldg. program, 227; personnel in war, 4; personnel increase, 981; personnel, numbers fixed, 244; personnel, opinions J. A. G., 80, 105; plans disclosed, 899; popularity, 389; program, conference on, 147; program, opinions Capt. Persius (German), 67.
Regulations changes, 995; rewards not approved, 1078.
Selection, see Promotion; ship draftsmen wanted, 1046; shore stations problem, 1327; small arms practice, 389; speed up building, 145; steel for, 68, 1078; strategy needed (Fiske), 884; supplies for, 163, 1738.
Temporary commissions, 1479, 1506, 1738; temporary warrants, 1479; training, value, 1220; trapshooting, 571, 838.
Uniforms criticised, 1740.
Voice in legislation desired, 260.
Warrant officers examined for ensigns, 116; why we need the N., 132; women enrolled, 962.

NAVY DEPARTMENT:
Bids, ammunition ship, submarines, and cruisers, 305, 307, 402, 501, 604, 632, 950; armor plate, 402; battleships and destroyers, 273, 370, 402; for coast patrol boats, 964; for 14-inch shells, 900; hospital ships, 48; for projectiles, 604, 623, 628, 1079; for scout cruisers, 604, 781; for ships and projectiles high, 632, 653; for submarines, 1060.
Building program, solving, 370; Bureau of Ordnance moves, 1183; Bureau of Steam Engineering, Chief, 1149.
Consulting Board: Members sworn in, 115; meetings, 784, 919; Philadelphia engineers assist, 73.
Construction secrets, 782.
Contracts: battleship and subm., 334; coast submarines, 632; cruiser, 422, 434, 930; destroyers, 434, 983, 1268; new ships, 460, 939; shells to British firm, 666, 696, 728, 815, 865; shells to U. S. firms, 815; supplies, 1671.
Designing "largest battleship," 747.
Electric drive question, 621.
Leakage of data, 1363.
Naval research laboratory, 764, 829.
Office building, new, 1129; ordnance orders, 319.
Reserve ammunition contracts, 48, 628, 632, 666, 696, 728, 815.
Speeding up construction, 897, 930; submarine nets, contract, 997.

NAVY YARDS AND STATIONS:
Board on additional, 18, 356, 400, 564, 622, 625, 665, 729, 796, 1024, 1307; Boston, 813, 1178; building programs for, 131.
Channel depths, 1118.
Employees' incr. pay, 604, 654; equipment funds required, 665.
Jamestown, 1428, 1478.
New Orleans, 747; Newport, 294, 496, 622; New York, 308.
Pearl Harbor drydock, 240; Phila., 537, 541; possibilities in construction, 747.
Quarters expensive, 572.
Social conditions around stations, 1583; storage needs at, 401.
Vancouver, 750. See also Shipyards.

Negro: As Nat. Guardsmen, 132; commissions for, 1293; disposition of N. soldier, 1669; outbreak, 24th Inf., 1744.
Neutral sea, 208.
New York: Harbor closed, 1297; landings, 1443; Liberty illuminated, 458; police drill, 825; State constabulary, 845, 1079, 1256, 1583; State military census, 918, 1294.
Newspapers, cost increase, 432.
Nicaragua: Election, 165; U. S. ships to, 114.
Non-Commissioned Officers: As students, 780; college instructors, 603; commissions for, 861, 917, 993, 1188, 1618; exams. urged for first sergts., 1078; grade and quarters, etc., 356, 492, 526, 995, 1088; higher pay, 1080; promotion for, 492; re-enlistment provisions, 667, 1413; staff, 852, 952; see second lieuts., temporary.
Norwich University, men in our wars, 892.

O

OBITUARY:
Adajr, 44, 815; Anderson, T. M., 1190, 1226; Angel, C. F., 854; Archer, D., 170, 234; Arnold, C. H., 1550; Ayres, S. L. P., 1154.
Babcock, C. E., 1434; Bader, A. J., 1662; Barr, T. F., 531; Bates, A. R., 818; Batson, M. A., 658, 690; Beacom, J. H., 106, 138, 170; Beaman, G. W., 1154; Bentley, E., 819; Billingslea, C. C., 1704; Bissett, H. O., 1550; Bollard, W. D., 234, 394; Bolton, J. K., 628; Bourke, J., 1402; Boyd, 815; Bronson, C. K., 330, 332, 362, 426; Butler, C. M., 722.
Calkins, C. G., 531; Capehart, E. E., 818; Carmody, J. R., 954; Chase, V. O., 1434; Cheney, R. H., 1263; Childs, M., 458; Church, W. C., 1262, 1268, 1298, 1330; Clark, C. G., 234, 458; Clayton, P., 562, 592, 594; Closson, H. W., 1550; Cochran, P. M., 594, 626; Collins, J. B., 1086; Conline, J., 266; Connor, A. D., 722; Cook, F. A., 262; Cottman, V. L., 924; Cottrell, A., 786; Coxe, P. M., 138; Craig, R., 1587; Craighill, W. E., 428; Cromwell, B. J., 102, 113; armored railway car, 245, 292; automatic rifle question, 49.
Bayonet, anesthetic, 817; bids, 1232; see Navy Dept.
Cartridge, high power (Clay), 293, 306; chemist in war, 165; commissions, 1621; contracts, confidential, 1409; cost of munitions, 551; Crozier, Gen., visits Mex. border, 332.
Dept. criticised, 39; Dept., defended, 231; detail of student officers, 12, 81, 87; development of expl. industry, U. S., 1506; du Pont annual report, 785.
Eighteen-inch Navy gun, 145; Enfield, see Lee-Enfield.
Field Art., rearming, 813, 896; fourteen-inch gun, 112.
Grenades, mortar shells and bombs, 113; gunners, Navy, apptd., 699.
Hammond radio-controlled torpedo, 701, see Torpedo; heavy ordnance, $2,000,000 for, 1629.
Indian Head, more grounds needed, 116, 369; interchangeablity of munitions, 1365.
Japanese infantry rifle, 743.
Lee-Enfield for U. S., 1057, 1223, 1236, 1308, 1480, 1582; Luellan Mobile Coast Artillery, 12.
Machine guns: Benet-Mercier, 491; controversy viewed by Baker, 596; field tests, 547; Marlin, 571; Lewis, 5, 37, 68, 101, 105, 115, 134, 596, 911, 949, 1093, 1129; new model, 571, 679.
Machine gun and rifle board, 163, 196, 273, 303, 305, 332, 338, 359, 399, 400, 433, 538, 591, 1368, 1441, 1480, 1556.
Machine gun tripod, 1727.
Mexican border inspection, 357; mobile artillery material, 583; munitions manufacture, report on, 597, 601; munitions standard board, 962; Munroe, C. E., inventor, 782.
Navy guns, progress of work, 950; Navy projectiles bids, 604; see N. Dept.; nitrate plant and supply, 196, 654, 685, 697, 846, 885, 1560; non-com. grades, 503.
Officers' equipment, 1368.
Personnel increase urged, 653; powder, American best, 850; powder, American supply, 1007; proving ground Kent Island, 1519, 1594, 1657; proving ground, May's Landing, 169.
Range finder, triplex, 1690; rifle, new type, 1039; rifle supply, U. S., 1130; Rock Island activities, 69, 100.
Salter process, 679; sergeants, exams., 1698, 1708; sergeants' list, 614, 775; sergeants, plea for, 388, 392, 422; shortage at Manila battle, 697; sixteen-inch guns, 208; Springfield Arsenal, 212; students in ordnance at college, 1583.
"Terror-all" explosive, 1326; torpedo, see Torpedo.
United States munition center, 68.
Women as employees, 825; work, 389, 748, 764.

Oyama, Field Marshal, death, 494.

P

PANAMA CANAL AND ZONE:
Area, 100; armed merchantmen through, 686.
Balboa drydock, 274.
Channel conditions, 647; clock, radio time recording, 982; coaling plant, 791.
Defenses of, 421, 653, 845, 887; Department formed, 1516, 1561.
Edwards, General: on Canal Zone progress, 1182; returns from, 1115.
Freight through, 67, 931.
Goethals on defenses, 887; Gov. Harding, 602.
Health conditions, 1256; hospital quarters, 1118.
Labor troubles, 228, 260; land claims settlements, 1014; loan for strategic roads, 1325.
Military control during war, 1192; [illegible] permanent, 1088.
New 1,000-ft. drydock at Balboa, 67; notes, 711.
Panamanians and U. S. soldiers, 975; Porto Rico Infantry to, 928.
Quarters construction, 825.
Regulations, during war, 1326; reopened, 45.
Slides: Goethals on, 390; scientists' report on, 165; sovereignty in Zone, 558; statues, 292.
Tolls, traffic, 291, 846; transfers, officers in, 1269, 1368; treaty modification urged by Goethals, 293.
Value, Goethals on, 686.

Paper work, Army, 1325, 1547.
Parades, military needless, 952.
Passport restrictions, 1398.
Pay clerks (acting), Navy, successful, 636.
Paymasters, Navy: Apptmts., 1431, 1557; exams., 1029, 1161, 1222, 1228, 1272, 1336, 1632; vacancies, 1436.
Peace: Dangerous rabble of pacifists, 956; delusions of pacifists, 67, 717, 845; Jordan protests Wood's speeches, 964; League to Enforce, 455, 590, 653, 654; Pacifism's eternal impasse, 336; Pacifist Aked answered, 952; P. Soc. agst. mil. trg. for boys, 273; without victory, 750; World's Court League, 654.
Pensions: Stop while pensioners are in mil. service, 1466; widow's increase, 228.
Pershing: On conservation, 1151; see European War (U. S.).
Philippine Scouts: Corps suggested, 1660; exams., 632, 1336, 1441; second lieuts. successful, 1479.
Philippines: Army athletics, 952, 1218; Army division authorized by Phil. Senate, 747, 846; civil service and war enlistment, 546; Congress meets, 396; constabulary commended, 614; helpful hints on "first days in," 164; legislation in, 272; model house for, 1291; Nueva Ecija province, 198; Sulu cleared of bandits, 8.
Physical test rides discontinued, 1304.
Physical training in Army, 952, 1218.
Poetry: Adair of Carrizal, 44; Border Service, 775; I've Done My Bit on the Border, 1007; Laws of the Navy, 943; Mules, 38; Navy Vampire—Selection, 980; On the Famous Borderland, 1396; Our Boys in Khaki, 1396; Ready, 1020; Regular and Guardsman, 294; Said Hindenburg Unto his Men, 1351; Toast to 16th Cavalry, 8; Uncle Sam, he'll get his Infantry, 1396.
Polo: Cavalry training, 812.
Portsmouth Naval Prison, 537.
Post-office notes, 356, 369, 1340, 1440, 1558, 1574, 1582, 1588, 1630.
Prohibition, fair play in, 1548.

PROMOTION:
Army, delays, 81, 177; Army, length of service, 596, 686, 717, 729, 749, 851, 900, 918; Army, vote on plan to regulate, 526, 569, 591, 596, 655, 656, 665, 686, (see Congress).
Cadet service and, 751, 934, 1260; Clem, question of, 144; constructive service, 816, 871, 934, 1188, 1260.
Equality, Army, 103; exams. as test of efficiency, 39; exams., Navy, 240.
Held up by Ray case, 17.
Junior lieutenants, 1548.
Line for Engineers, 633.
Navy, prospective in, 1436, 1517; Naval, under new law, 17, 189; new plan in Navy, 180.
Plebiscite in Navy, 421, 485.
Selection, 729, 780, 980, 1082, 1517, 1749; selection boards, Navy, 337, 1560; selection in Navy, 81, 105, 113, 145, 273, 337, 368, 421, 485, 537, 558, 572, 634, 656, 780, 790 (see staff selection); seniority, 1077, 1153; single list, 1233, 1436; square deal for old soldier, 897, 902; staff selection, Navy (Grayson), 604, 608, 728, 731, 762, 780, 796, 824, 849, 861, 918.
Promotions and Assignments: Quartermaster Corps, 1269; Ray case, 1269; result Nat. Defense Act—Cavalry 204, Coast Art. 242, Field Art. 205, Infantry, 233; result Navy Act, 308, 370, 501.
Promotions and retirements, 10, 42, 74, 106, 108, 138, 170, 202, 234, 266, 298, 330, 362, 394, 401, 436, 458, 530, 562, 626, 658, 690, 722, 754, 786, 818, 890, 922, 954, 986, 1086, 1122, 1226, 1264, 1298, 1361, 1366, 1434, 1470, 1540, 1550, 1586, 1622, 1662, 1702, 1742.
Promotions result of four increments, 1161, 1197.
Provost Marshal General, office created, 1168; see Draft Act and Crowder.
Public Health Service: Staff transferred to military estab., 1061.
Public opinion and Defense, 44.

Q

Quakers and war, 1150, 1326.

QUARTERMASTER CORPS:
Bakery companies, 1466; bids for supplies, 793, 899; bills of lading, 1326.
Camp-kettle question, 782; car labels to aid entraining, 984; central supply warehouses, 1412, 1629, 1698; chief clerk, new, 304; cloth supply, 1222; clothing disinfectors, 886; criticisms answered, 1429, 1519.
Embarkation service, 1749; enlisted Res. Corps, 1095, 1305; examinations for higher grades non-coms. suspended during war, 1404.
Field clerks, 614; food supply and the canners, 1545.
Memoranda, 1466; motor transport section, 1738.
New chief, 76, 106.
Officers' Reserve Corps, 4.
Ponchos and slickers, 927; purchase plans, 1698; purchasing supply officers, 1186.
Q. M. sergts. and sr. grade, successful, 1070; Q. M. sergts., eligible list, 12; Q. M. sergts., sr. grade, age limit, 752; ditto, how assigned, 728.
Ration cost, 1197; reserve ration, value, 892.
Shipment of gifts to soldiers, 1255; shirts for soldiers, 1671; shoe bids, 1308, 1339; shoe-soling machine, 950; steel cots for the Army, 1377; supplies, replenish, 748.
Vacancies, 73, 304, 1404.

Quarters question: Border service, 592; officers, 592, 1521, 1547, 1631. See Non-Coms.

R

Railroads: Alaska, 497, 1326; cars for American railroads in France, 1736; mil. necessity and strike question, 19; moving armies, 67, 359, 1080, 1118, 1545; operations in war, 1545, 1618.
Ration: Sick man's, 135.
Reading matter for soldiers, 1618.

RECRUITING:
April, 1079, 1117, 1118, 1124, 1133; Army in May, 1196; Army Recr. Week; Pres. proclamation, 1410; Army under new law, 17, 210, 227, 485, 491, 557, 893, 951.
Business methods in, 392.
California, 231, 260, 275; concert to aid, 1074.
For Services, 401, 846, 893.
Joint Army and National Guard, 4.
Marine Corps, 1097, 1326, 1397, 1593, 1749.
Naval night, Metropolitan Opera, 1150; Navy, 793, 861, 917, 1060, 1079, 1233, 1749; Navy, reorganized, 761; New England, 1359, 1430; newspaper stories and, 654; notes, 1156, 1326, 1562.
Postmasters, 68, 99, 131, 621, 654, 793, 917, 1120.
South Carolina recruiting day, 1079.
Terms should be defined, 729; tramps, 387.
Vaudeville act in aid of, 228; voluntary, unsatisfactory, 1305.
Western, 1222, 1224, 1271, 1398, 1408; where best, 132; wooden battleship Recruit in N. Y. city Union Square, 1326; women as aids, 306.

Recruit's Handy Book, copyright, 169.
Red Cross. See Amer. R. C.
Red tape in depts., 16.
Regular and Guardsman (poem), 294.
Resignations: Coleman, B. R., 459; Cloman, S. A., 692; Disque, B. P., 660; Eikel, J., 692; Gantz, H., 75; Herman, C. C., 660; Lenihan, J. A., 660; Riley, J. W., 403; Smith, C. M., 1560; Taintor, H. H., 275; Van Leer, S., 661.
Reserve, Regular Army: Matter of recall, 697; regulations, 388.
Reserve Officers' Training Corps: Educational institutions to establish courses, 371, 422, 487, 539, 567, 596, 625, 657, 701, 753, 846, 892, 1046; Harvard, 1118; Yale, 1118; see Camps; see Mil. training.
Retired enlisted men: Increased rank, 1697.
Retired officers: Ask active duty, 992; deputy marshal at munition plants, 1078; employment with Govt. contractors, 558; fifty per cent. on active duty, 1197; for reserve list, 17; justice for, 591, 984, 1153; on active duty as Q. M.'s, 747; pay and allowances for, 591, 984; promotions to major-gen. and brig.-gen., 177, 304.
Retirement list for 1917, 293, 594.
Retirement, plan of insurance, 68, 103.

RETIREMENTS, OFFICERS:
Adams, G., 138; Aleshire, J. B., 12, 74; Arrasmith, J. M., 1662.
Baker, W. B., 266; Barber, C. W., 10; Barton, F. A., 1470; Beisel, F. C., 266; Bennett, W. E., jr., 458; Brooks, R. E., 1226.
Case, D. B., 818; Cooney, M. F., 722; Crabtree, G. H., 330, 690.
Da Costa, S. S., 458; Dalton, A. T., 786; Davis, H. C., 74; Davis, T. F., 1226; Dawson, W. E., 234; Devol, C. A., 266; Dillow, L. J., 1434; Dixon, B. A., 1470.
Eastman, F. F., 1156; Elliot, D., 1510; Ellis, N. V., 1156; Esty, T. B., 138; Evans, H., 1586; Evans, R. K., 330; Evarts, E. A., 1470.
Fales, H. M., 10; Field, R., 138; Forsyth, W. W., 1086, 1264; Frederick, D. A., 1408, 1434; Frith, R. E., 754.
Gallup, P. M., 10; Garlington, E. A., 818; Gavitt, H. C., 1662; Glassford, W. A., 1086; Goethals, G. W., 362; Gordon, W. B., 1226; Gose, E. B., 10; Grisell, E. L., 1550; Gulifoyle, J. F., 530, 722.
Hall, C. G., 1510; Hall, G. W., 786; Harris, J. M., 1122, 1226; Harris, J. R., 890; Harrison, W. K., 202; Hatch, C. B., 298; Hillman, H. W., 890; Holmes, U. T., 722; Hotz, J. G., 1122; Howell, D. L., 1742.
Kerwin, A. R., 1586; Korjan, E., 736.
La Garde, R. D., 74; Lowe, W. L., 394.
McKelvey, A. C., 786; Macomb, M. M., 170; Martin, F. L., 12; Merritt, J. A., 1470; Meyer, C. P., 138; Mitcham, O. B., 1586.
Neisser, S. M., 890.
Page, J. M., 954; Paegelow, J. A., 1586; Parker, W. H., 138; Pearce, E. H., 362; Price, E. M., 1086.
Ray, B. B., 1269, 1305; Rittenhouse, B. F., 818; Roberts, H. L., 986, 1298; Roberts, W. M., 957; Rodgers, H., 922; Rogers, J. S., 722; Rush, W. R., 234; Ryan, T. F., 10.
Samuelson, L. L., 362, 394; Scriven, G. P., 394, 786; Sibley, F. W., 234; Simpson, G. R., 786; Snyder, O. P., 458; Stoneberg, G., 786;

Index to Volume LIV Sept. 2, 1916 to August 25, 1917 inclusive

Retirements—continued.
Taylor, C. W., 266.
Van Sant, W. R., 138.
Waring, J. B. H., 1192; Williams, A., 1086; Wilson, R. H., 1298; Wright, E. C., 1622; Wygant, H. S., 1434.
Yost, P., 106; Young, C., 1624, 1662; Young, G. S., 1226; Younglof, A. S., 1586.

Ribbons, meaning, **1611.**

RIFLE:
Careless use of, 1326; civilian R. Club difficulties, 783; combat firing at La Gloria, 391.
Director of Civilian Rifle Practice, 536, 696.
Hawaiian N. Gd., 784; history of Army rifle practice, 1015.
Indoor matches, 686, 1046.
Jacksonville, see Nat. Matches.
Lee-Enfield, see Ordnance; Linnton, Ore., range, 784.
National Matches, 68, 80, 105, 146, 179, 242, 264, 265, 293; none in 1917, 1373; report, 390, 983.
Navy trap-shooting, 571, 838, 996; new type of rifle, 1039; night-sights, 1039.
San Antonio range, 720, 1082.
Teach new Army to shoot, 1327.
Value of rifle shooting in war, 1611.
Winthrop range, 621.

Roberts, Lord, and Gen. Young, 391.
Rolling kitchens, 80.
Roosevelt, F. D., inspection trip, 696.
Roosevelt, Theodore: Volunteer Army plan, 1196, 1198, 1257.
Royalty and Mil. service, 200.
Russia: Bank savings, 1118; business outlook, 1256; mission to U. S., 1520; population, 164; President Wilson's statement to, 1361; railroads, 981, 1078; reorganization of Army, 1294; revolution, 929, 957; U. S. mission to, 1129, 1192, 1236, 1337, 1361, 1376, 1401, 1478.

S

Saddle, enlisted man's, 240.
Saluting, officers and men, 388, 1337, 1749.
San Diego, a strategical base, 526.
San Domingo: Band for, 114; Dominican Claims Commission, 1546; fight in, 696, 1521; Marine Corps engagement, 266, 467; Marines in, 861; Navy governing, 951; U. S. Military rule, 437.
San Francisco and Oakland bridge, 4.
San Francisco, U. S. S., grounding case, 370.
Santa Claus, Is there a, 525.
School ships, Mass., 1074.
Schools (see Mil. Training in Schools): Scholarships for the Services, 1740.

SCHOOLS, SERVICE:
Army Medical, 137; Army War College, 145, 260.
Bakers and Cooks, 1028.
Coast Artillery, 437, 1617; Coast Guard, 1118.
Douglas, Ariz., 1129.
French officers as instructors, 1658.
Medical Reserve, 1512 (see camps); Military stores, 1545, 1698; Mounted Service, 41, 112, 332, 1595.
Nat. Nautical Training Schools System, 1546; Naval Medical, 41, 815; Naval Pay Officers, 84, 1560; Naval War College, 369, 558; Non-coms., 1192, 1287.
Officers' Reserve Corps, Charleston, 1582.
Pay Officers, Naval Militia, 404; plea for reopening S. S., 984.
Quartermaster Non-Coms., 1660.
Reserve Officers' training school, Washington, 732; School of Fire, 748; School of Musketry, 240, 260, 928; Signal Corps Aviation, 132, 291.
Teach handling stores, 1545, 1698; text-books for Non-coms., 1235; Trench Training, 1584.

Scorpion, U. S. S., in Turkey, 1229, 1631.
Searchlight tower, new type, 896.
Second lieutenants: Address to, by Col. McAndrew, 1152; assignments new, 578, 1503, 1562; candidates from camps and O. R. C., 1398, 1585; exam. oddities, 752; exams., 49, 72, 144, 241, 337, 665, 1149, 1305, 1441, 1477, 1557; from colleges, 865; Marine Corps exams., see Marine Corps; marriage, 71, 135; Phil. Scouts, 632, 1336, 1441, 1479; successful candidates, 361, 567, 665, 692, 698, 1129, 1260, 1588, 1596, 1615, 1616, 1644, 1704; temporary, 1441, 1504, 1616.
Selection, see Promotion.
Selective Draft registration, 1336, 1373, 1427, 1430.
Shark, man eating, 12.
Shaw, U. S. S., commissioned, 1443.
Ship, beauty of a, 294.
Shipping Board, see Merchant Marine.
Shipyards (see also Merch. Marine); Fore River and Navy bldg., 196; penalty clause in Navy bldg. contracts, 227.
Shoes for the Army, 1505.
Signal Corps (see Aeronautical): Aero squadrons, 292; aerostatic division of the Aviation Section, 241; Aviation Corps training, 50; aviation pay, 1737; Aviation Section, 50, 132, 241, 291; cable telegraphy, 497; new method of field communication, 596; non-coms., 106; notes, 668; telegraphers needed, 1183; wireless on border, 49.
Silhouettes of our Army leaders, 1390.
Sims, W. S.: On Jutland battle, 100; naval mission to England, 1093; vice-admiral, 1269, 1271, 1272, 1298, 1409.
Singing: Army, 1256, 1412, 1646.
Socialists and riot in Boston, 1506, 1507.

SOCIETIES:
Amer. Assoc., for Advancement of Science, 558; Amer. Camouflage, 1151; Amer. Chemical, 165; Amer. Red Cross, 4, 100, 102; Amer. Rights League, 814; Amer. Soc. of Mech. Engrs., 502; Amer. Soc. of Naval Engrs., 797, 1326; Army and Navy Club, N. Y., officers, 711; Army and Navy Club, Wash., D. C., 797; Army Girls' Transport Tobacco Fund, 1509; Army League of U. S., 732; Army of Philippines, 72; Army of Tennessee, 167; Army of Potomac, 263.
Army Relief: Artillery branch, 567; Fort Myer, 426; Los Angeles, 784; New York, 718, 1115, 1228, 1262, 1339, 1363.
Assoc. for National Service, 166, 326, 360, 388; Assoc. of Grads. U. S. M. A., 266; Assoc. of Military Surgeons, 597; Atlantic Deeper Waterways Assoc., 99; Authors' Club of London, 1595; Aztec Club of 1847, 230, 260.
Cincinnati, 570, 730, 1237, 1259; Conference of Amer. Patriotic Societies, 667, 686; Congress of Constructive Patriotism, 504, 700, 730.
Daughters of Amer. Rev., 1087.
Emergency Peace Federation, 782.
Girls' Nat. Honor Guard, 396, 592, 794; Grand Army of Republic, 4, 43, 1741.
Knights of Columbus and soldiers, 1187, 1583.
Maryland League for Nat. Defense, 719, 743; Military Order Loyal Legion, 4, 434, 794; Military Order of Carabao, 268, 436, 461, 530; Military Order of Foreign Wars, 1256, 1263, 1696; Mil. Training Camps Assoc., 686.
Nat. Committees of Patriotic and Defense Societies, 846, 956, 1049; Nat. Guard Assoc., 865, 988; Nat. Hay Assoc., 300; Nat. League for Women's Service, 1520; Nat. River and Harbors Congress, 461; National Security League, 4, 41, 132, 333, 504, 526, 687, 700, 730, 781, 933, 1046, 1078, 1097, 1619, 1657; Nat. Soc., Daughters of 1812, 886; Nat. Special Aid Soc., 1132, 1695; Nat. Assoc. for Univ. Mil. Training, 540; Nat. Rifle Assoc., 526, 628.
Naval and Mil. Order, S. A. W., 1154, 1399; Naval Arch. and Marine Engrs., 260, 364; Naval History Soc., 486; Naval Training Assoc. 340; Navy League, 668, 864, 996, 1713, 1744, 1750; Navy Mutual Aid, 995, 1620.
Navy Relief (Ann. rep.), 951; appeal, 1619; Great Lakes, 1360; work, 1696, 1744.
Pilgrims of Patriotism, 1582.
St. Nicholas Club, 1147; Society of Amer. Officers, 326, 532; Soc. of Automotive Engineers, 1097, 1118, 1518; Society of Santiago de Cuba, 230; Society of Sponsors, 796, 1029.
Telegraphers, Old-Time, 132.
Univ. Mil. Trg. League, 814; U. S. Cav. Assoc., 1624; U. S. Inf. Assoc., 1624; U. S. Naval and Marine Boy Scouts, 340; U. S. Naval Institute, 167.
Volunteer Prison League, 461.
War of 1812, 138; Woman's Army and Navy League, 891, 995, 1028.
Y. M. C. A., see Y. M. C. A.
Solace, U. S. S., investigation, 1307, 1308, 1339.
Soldiers' homes, direction, 846.
Songs, see Singing and Poetry.
Spies, punishment of, 1740.
Statistics: Newspapers in U. S., 68.
Steamship fare reduction to officers, 1327.
Stockton, R.: Lessons of Mil. Mobilization, 70.

SUBMARINES:
"Baby," 696; base at Port Angeles, 1506; batteries of E-2, 503; building in Germany, 36, 260, 273, 324; built in U. S. for Great Britain, 1504.
Chaser, building of, 1222, 1430, 1521, 1664, 1767; chaser described, 1377.
Depth of water for maneuvers, 752; designations, U. S., 1256; devices against, 1192, 1658.
Electrical devices against, 1354.
First successful rise, 325.
German merchant submarine Bremen, 260; German merchant submarine Deutschland, 305, 307, 364, 387, 404, 539.
History, 228, 325; how France fights, 1322; how to circumvent, 888, 1224, 1259, 1621 (see Euro. War); how U-boats are hunted, 844
Ideal engine for, 199; Italians raise German U-boat, 1535.
Jellicoe, Admiral, on combatting, 1082.
Line of American defense, 525, 564.
Merchant, Electric Boat Co. on, 292; merchant or war vessels, 35, 36; merchant, Simon Lake, 1294.
Nets, harbor, 826, 1256; netting North Sea against, 1658.
Problem (Naval Cons. Board), 1738.
Question in Congress, 779; question of activity of German U-boats off American Coast, 272.
Salvage craft (Spanish), 36; steam-driven, 76; storage batteries, 212; strategy and tactics, Goodrich, Fiske, Churchill, 1466; submarines and destroyers, how they fire, 974; submarines or capital ships, 825; subm. torpedoboat, Whitney patent, 364; subm. warfare and international law, 324; submarine within submarine, 228; submarine test, 1377, 1399.
Torpedo firing device (Lake), 812.
"What We Have Learned," 846.

Subsistence specifications changed, 1519.
Supplies, decentralization, 1749.
Supply troops, motto, 711.
Swift, Gen. E. C. (in 1898), 916.
Swiss: Military system for Colombia, 3.
Syrian relief: Collier Cæsar to carry supplies, 371.

T

Tables of organization, Army, 1269, 1305.
Tactical principles and practice, 851.
Taft on conscription, 796, 860.
Target Practice: Atlantic Fleet, 113, 116, 134; Coast Art., 695; moving pictures as targets, 603; Navy, small arms, 389, 567; Plunkett on Navy S. A., 567; transporting, Navy, 528; warships used as targets, 131.
Tax not applicable to personal property on military reservation, 292.
Taxation and the Service, 718.
Thanksgiving and Christmas notes and menus, 435, 479, 506, 525, 596, 615, 635.
Tobacco restrictions, 928, 934.
Torpedo: Hammond radio control, 4, 338, 1700; increase supply for Navy, 748, 753; Moltke on torpedo warfare, 974; torpedoes and torpedo craft, 915; torpedoplane, see Fiske.
Tour of applied patriotism, 1582.
Training camps and cantonments, see Camps.
Transfers: Field Artillery, etc., 49, 401.
Trapshooting in Navy, 528.
Travel allowances, Navy, increase, 1711.
Turkey: U. S. ships in, 965.

U

UNIFORM (see Q. M. Corps):
Arrests for unauthorized use, 1588; aviation U. not allowance, 1507.
Blouse collar, 1184.
Changes, No. 16—109, 18—695, 19—925, 26—1157; changes suggested, see service unif. criticised; cloth, Army, modifications, 1658; cloth for Navy, 1632; clothing problem, 1545; collar device, 1364; color experiments, 1097; cotton, 1467.
Discrimination against, 404, 558, 628, 679, 700, 957; dyestuffs for, 1118.
Elbow reënforce, 1078.
Fatigue, 932; fewer colors in, 888; field clerks, 1297; for more distinctive, 888.
Governor's aids, 260, 654, 1360.
Helmets, trench, 1078.
Indiscriminate use, 1430; insignia, 51, 68, 1711; insignia for bands, 852; insignia of new regts., 1468; investigating cost, 1519.
Khaki handkerchiefs, 1546.
Leather vs. canvas leggins, 1048; leggins question, 888, 1364.
Mounted officers, 39.
National Guard, 305, 718, 1016; Navy clothing problem, 1359; Navy criticised, 1740; Navy, in Northern waters, 1397; Navy service blouse, 1260, 1364, 1468; Navy special full dress, 1224; Navy winter, 1695; new woollen rabric, 16.
Officers' Reserve Corps, etc., 539; our own, 1547.
Probationary officers, 500; protection of, 397.
Recommended changes, 1709; regs., Navy, changes, 1101; ribbons, meaning, 1611.
Service coat, 228, 1082, 1120, 1197, 1221, 1233, 1327, 1465, 1467, 1620, 1737; service unif. criticised, 39, 135, 200, 228, 295, 300, 1737; shoe, Army, durability, 1401; shoe, objections, 167.
Wartime, 1128, 1196, 1476, 1519; white Navy, 1548.

United Service School, 17, 464, 590.
United States: Census, 591; exports, 144, 324, 647; food supply ample, 813; population, 337; precedence for Govt. work, 750; resources of war supplies, 1014; revolutionary trend of fo- eign labor, 228.
Universal military training and service: Briti[...] and, 1096; Gen. Staff plan, 847, 848, 869 874; outlook for, 960; see Mil. training; al[...] Congress.
Universal service an obligation, 888.
Upton, Gen., opinions, 1096, 1160.

V

Veterans for commissions, 1083.
Veterinarians: Examinations for, 992, 1196; need ed for new Army, 1156; new, 305, 1512.
Vicksburg reunion, 432.
Virgin Islands under our flag, 1020; Rear-Admir[...] Oliver Governor, 1074, 1132; see Danish W[...] Indies.
Virginia Mil Institute: Grads. in Service, 814.
Volunteering, opinions on, 1148, 1151.
Voluntarism, failure, 69, 688.
Volunteers: Call of the hour, 792, 892, 105[...] Civil War, 1045, 1151; Roosevelt scheme, 119[...] 1198.

W

War: April w. record, 1070; Army's part, 993[...] Bible and, 920; Clews, Henry, on prevention[...] 387; declarations (Encyc. Brit.), 1012; democ racy and, 910, 920; economics cause, 195; ex hibit at Amer. Museum of Nat. History, 1326[...] Fishermen seldom disturbed, 36; fundamenta[...] principles, 1429; future warfare, 293; individual soldier in, 133; losses in battle, 4, 918; pay during, 1160; problem of raising troops for war 1081; revolutionizing warfare, 1077; suspensio[...] of legal proceedings during, 1581; U. S. funds available, 949; warfare of the bees, 519; see Civil War, European War.
War College, new military policy U. S., 305.
Warrant officers: Bandmasters as, 1188; increased pay for chiefs, 369, 667, 861, 886; temporary, 1672.
Warships: Additional money needed for ships authorized, 623; battle cruisers, U. S., new, 69, 81, 623, 896, 1165; names for, 195, 295, 1061; bids, see Navy Dept.; boilers, location, 845; British comment on U. S., 746, 748, 782, 884; concrete, 260; cruisers, renamed, 260; destroyers, names, 1480; electric drive question, 621, 775, 824, 1118; higher cost of, 324; high prices for old, 292; light cruisers, value, 197; Naval hospital ship, 719; ordnance, 208; postpone battle cruiser construction?, 1088, 1117, 1165; repair facilities on board, 982; shipbuilders and prices, 324; Sims on, 538; steel for, 99.
Washington, Geo., defense plan, 1621.
Water, fresh from salt, 1286.
West Point, see Mil. Academy.
Wilson, President: Aids, 748; inaugural, 732, 853, 856, 895, 923, 924; on neutrality, 132; peace without victory, 750; to Md. Defense League, 719; toward universal training, 397; see European War, U. S.
Wire entanglements, first use, 74.
Wireless: Amateurs should join Reserve, 846; Chollas Heights station, 696, 932; direction finder, 622; Federal monopoly and control, 539, 590, 685; from airplanes, 1354; in war, 1354, 1397; Navy control, 1079, 1409; Philadelphia, 1119; Pupin patents, 814; San Diego to Australia, 743; San Francisco to Japan, 196; Sayville and Siasconsett, censors transferred, 292; station at Navassa Island, 164; telephone from airplane, 782; to Samoa, 818; Washington to Japan, 422.
Wolf (Paul), in '86, 1468.
Woman's mission of sympathy, 1012.
Women in the Departments, 1360.
Women of the Army, 1219.
Women, registration for service, 1430.
Women's National Service school camps, 590, 1019, 1076.
Wood, Gen. L.: Advice to camp graduates, 1736; attitude of Canada in war, 387; Military needs, 274, 570; rebukes Army critic, 919; speeches, 274, 357, 782, 814, 918.
World politics, events in, 369.

Y

Yachts for war service, 1219.
Yankee, U. S. S., to raise, 668, 1597.
Young, Gen. S. B. M.: See Societies, Assoc. for Nat. Service; Lord Roberts and, 391.
Young Men's Christian Association: "Border Work," semi-mo., 4; Boston (Charleston), 733; cantonments, Army, and, 1546; London, 1738; magazines, demand for, 137; motion-picture films, 1711; notes, 814, 1116, 1118, 1294; Radio School, 1453; war work of, 1361, 1583; Women's Auxiliary, 679; work on border, 141, 147, 196, 275, 918.

6